

20000915.qrp v01_n945.qrl.20000915

Date: Fri, 15 Sep 2000 19:03:10 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1945

QRP-L Digest 1945

Topics covered in this issue include:

- 1) [79529] RE: Lightbulb antennas!
by "Kevin Muenzler WB5RUE" <wb5rue@arrl.net>
- 2) [79530] Lightbulb antennas
by wa4dou@excite.com
- 3) [79531] Re: Any experience with the isotron antennas
by Dave Sjolín <sjolin@swbell.net>
- 4) [79532] Reminder of Pt. Roberts Expedition this weekend!
by "Scott Robbins" <srobbins_qrp@hotmail.com>
- 5) [79533] Re: Any experience with the isotron antennas
by wa4dou@excite.com
- 6) [79534] RE: Any experience with the isotron antennas
by schoon@amgt.com
- 7) [79535] RE: $V_{rms} = 0.707 \times V_{peak} = 0.5(0.707 \times V_{pp}) = 0.3535 \times V_{pp}$?
by Steve Yates <aa5tb@yahoo.com>
- 8) [79536] [PROP] Weekend/QRP Afield
by "Paul Harden, NA5N" <na5n@rt66.com>
- 9) [79537] RE: Any experience with the isotron antennas
by wa4dou@excite.com
- 10) [79538] Re: Lightbulb antennas!
by Marty <N5NW@midsouth.rr.com>
- 11) [79539] Re: Any experience with the isotron antennas
by Dave Sjolín <sjolin@swbell.net>
- 12) [79540] Re: Any experience with the isotron antennas
by wa4dou@excite.com
- 13) [79541] RE: Lightbulb antennas!
by Andrew Madsen <andrew@utahdesign.com>
- 14) [79542] Re: Lightbulb antennas!
by wa4dou@excite.com
- 15) [79543] LATEST LIST: Pacificon attendee's
by "K7FD-N7SG" <cqdx@teleport.com>
- 16) [79544] Re: Any experience with the isotron antennas
by Bob Hightower <nk7m@extremezone.com>
- 17) [79545] Re: Status of QRPp
by Ray Colbert <w5xe@juno.com>
- 18) [79546] RE: $V_{rms} = 0.707 \times V_{peak} = 0.5(0.707 \times V_{pp}) = 0.3535 \times V_{pp}$?
by "Stephen D. Cohen" <scohen@tampabay.rr.com>
- 19) [79547] Re: Dummy Loads

- by "Russ Hines" <radioruss@fuse.net>
- 20) [79548] Re: LATEST LIST: Pacificon attendee's
by "Doug Hendricks" <ki6ds@dospalos.org>
- 21) [79549] FS: DK9SQ Loop
by "Dennis Payton" <dpayton@fwi.com>
- 22) [79550] Last post on Isotrons
by wa4dou@excite.com
- 23) [79551] Re: JJ&A Bobcat 40 and 80
by Jim/Julia <w7ls@blarg.net>
- 24) [79552] For Sale
by Jeff Davis <jeff@n9avg.org>
- 25) [79553] OP - Delaware on 80 meters
by Slqghp@aol.com
- 26) [79554] Re: JJ&A Bobcat 40 and 80
by Jim/Julia <w7ls@blarg.net>
- 27) [79555] Radio-Schlepp.... SHEEEEEESH!
by John Payne <paynej1@strato.net>
- 28) [79556] Re: Lightbulb antennas!
by Dean W Manley <kh6b@juno.com>
- 29) [79557] Re: [PROP] Weekend/QRP Afield
by Chuck Adams <k7qo@primenet.com>
- 30) [79558] Noise Generator and Mic Pre-amp Kits still available
by Bob Hightower <nk7m@extremezone.com>
- 31) [79559] Last call for help
by Chuck Adams <k7qo@primenet.com>
- 32) [79560] Attending Pacificon
by "Thom Durfee" <wi8w@arrl.net>
- 33) [79561] Re: FS DK9SQ Loop
by "Dennis Payton" <dpayton@fwi.com>
- 34) [79562] Pacificon Share?
by Bob W7AVK <rsrolfne@atnet.net>
- 35) [79563] Re: Dummy Loads
by Bill Stietenroth <k5zty@juno.com>
- 36) [79564] Re: Dummy Loads
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>
- 37) [79565] Pacificon - When and Where
by "Gary McCaughey" <MAIL4GARY@worldnet.att.net>
- 38) [79566] Re: Any experience with the isotron antennas
by N10DL@aol.com
- 39) [79567] Orienting Bulbs...errr Loops?
by Kenneth Hoglund <hoglund@wfu.edu>
- 40) [79568] Re: I found it...Pacificon - When and Where
by "Gary McCaughey" <MAIL4GARY@worldnet.att.net>
- 41) [79569] FS: PW-1; Autek RF-1 Antenna Analyzer...
by Patrick Armstrong <aa7fg@gte.net>
- 42) [79570] A Few Free SPRAT's
by "Dennis Payton" <dpayton@fwi.com>
- 43) [79571] Re: Noise Generator and Mic Pre-amp Kits still available

by "Tony Fishpool" <g4wif@btinternet.com>
44) [79572] Lafayette Extrenal BFO
by "Ron Polityka" <wb3aal@fast.net>
45) [79573] RE: dsw-20 does it agn
by Vic Winton <Vic.Winton@trafford-press.com>
46) [79574] SW-40+ Transceiver
by "Ron Polityka" <wb3aal@fast.net>
47) [79575] Re: HW-9 Output Transistor Replacement?
by SKIPNC90@aol.com
48) [79576] Re: Lafayette Extrenal BFO
by "Ron Polityka" <wb3aal@fast.net>
49) [79577] Take my SMK-1 to Pacificon...
by n5ib@juno.com
50) [79578] Re: Solder Station
by "Karl F. Larsen" <k5di@zianet.com>
51) [79579] Re: A Few Free SPRAT's
by "Dennis Payton" <dpayton@fwi.com>
52) [79580] Re: Lightbulb antennas!
by "M0CQG" <m0cqg@dial.pipex.com>
53) [79581] RE: 80M PSK31 frequencies
by "Lofstead, Jerry" <Jerry.Lofstead@hboc.com>
54) [79582] FS- OHR SCAF
by M Goins <mgoins@usa.net>
55) [79583] RE: HB: Crystal current?
by "Lofstead, Jerry" <Jerry.Lofstead@hboc.com>
56) [79584] RE: Wireless Ephones
by "Lofstead, Jerry" <Jerry.Lofstead@hboc.com>
57) [79585] QRN, 80 m., and aurora
by "Gary Lee Phillips" <ka9nzi@arrl.net>
58) [79586] Issues of QRP Quarterly....
by jmarran@juno.com
59) [79587] RE: QRN, 80 m., and aurora
by "Lofstead, Jerry" <Jerry.Lofstead@hboc.com>
60) [79588] Re: QRN, 80 m., and aurora
by Steve Yates <aa5tb@yahoo.com>
61) [79589] RE: Lightbulb antennas!
by Monte Stark <ku7y@dri.edu>
62) [79590] Re: QRN, 80 m., and aurora
by "Dan W. Dooley" <dandooley@pipeline.com>
63) [79591] Kudos to the "Acme" Artist
by Bill Jones <kd7s@psnw.com>
64) [79592] 40- meter skyneedle/WQ1RP net
by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
65) [79593] Portable Antennas
by Jerry Haigwood <w5jh@swlink.net>
66) [79594] K6F, QRP Afield
by BruceAA5B@aol.com
67) [79595] Re: K6F, QRP Afield

by Michael Melland <badger@vbe.com>
68) [79596] Re: Pacificon - When and Where
by "Bob Tellefsen" <n6wg@earthlink.net>
69) [79597] QRP Afield, KI6DS
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
70) [79598] AN/URM-25D Output indicated in RMS or P-P?
by "Phinizy, William" <wphinizy@filenet.com>
71) [79599] Re: Solder Station
by Dan <tacquire@earthlink.net>
72) [79600] CW Maestro - Poqet
by dave_epps@juno.com
73) [79601] PSK-20 - WinWarbler 1.7
by dave_epps@juno.com
74) [79602] Re: Lightbulb antennas!
by Nv4t@aol.com
75) [79603] QRP AFIELD, W2AGN
by "John L. Sielke" <w2agn@pobox.com>
76) [79604] Lighted pens, recap and a proposal (long)
by n2cx@voicenet.com
77) [79605] QRP AFIELD W4VQS
by "John Humphrey" <jhumphre@ultra-tech.com>
78) [79606] Short but sweet... Re: Lighted pens...
by "Paul R. Valko" <prvalko@oakland.edu>
79) [79607] Re: Musing from a "failed" QRP DX Chaser
by Bill Coleman AA4LR <aa4lr@radio.org>
80) [79608] "Here's the deal, deal"
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
81) [79609] Re: Musing from a "failed" QRP DX Chaser
by "Mike Yetsko" <myetsko@insydesw.com>
82) [79610] Re: Musing from a "failed" QRP DX Chaser
by Bill Coleman AA4LR <aa4lr@radio.org>
83) [79611] Re: [NJQRP] Lighted pens, recap and a proposal (long)
by Michael Melland <badger@vbe.com>
84) [79612] RE: [NJQRP] Lighted pens, recap and a proposal (long)
by "Bowman, Brian" <bowman@amgen.com>
85) [79613] Re: Musing from a "failed" QRP DX Chaser
by Dan <tacquire@earthlink.net>
86) [79614] Re: dsw-20 does it agn
by Larry S Cahoon <wd3p@juno.com>
87) [79615] Re: Musing from a "failed" QRP DX Chaser
by Dan <tacquire@earthlink.net>
88) [79616] Re: Musing from a "failed" QRP DX Chaser
by Dan <tacquire@earthlink.net>
89) [79617] Re: Lighted pens, recap and a proposal (long)
by Allan G Taylor <k7gt@qsl.net>
90) [79618] Re: Musing from a "failed" QRP DX Chaser
by ac5ez@webtv.net (Larry)
91) [79619] Repair of Old CC Headset cords

by Anthony Felino <anthony@pacinfosb.com>
92) [79620] BI-COLOR 2 lead LEDs...
by "Larry Wise" <lewise@txwises.com>

Date: Thu, 14 Sep 2000 18:03:11 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@arrl.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [79529] RE: Lightbulb antennas!
Message-ID: <000001c01e9f\$f550a3f0\$1b3ec6d8@wb5rue>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This wouldn't happen to have been the April issue?

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> wa4dou@excite.com
> Sent: Thursday, September 14, 2000 5:56 PM
> To: Low Power Amateur Radio Discussion
> Subject: Lightbulb antennas!
>
>
> Hi all,
> Tom at Force 12 , a couple of months or so back, in QST,
> wrote of his
> experiences with a lightbulb antenna on 10 meters. Sure, it
> worked swell,
> but his reference standard was "nothing." Anything works better than
> "nothing." Homemade wire antennas made according to theory
> will outperform
> many lesser antennas, and at a much reduced price. 73 Roy WA4DOU
>
>
>
>
>
> -----
> Say Bye to Slow Internet!
> <http://www.home.com/xinbox/signup.html>
>

Date: Thu, 14 Sep 2000 16:03:42 -0700 (PDT)
From: wa4dou@excite.com
To: qrp-1@lehigh.edu
Subject: [79530] Lightbulb antennas
Message-ID: <5495212.968972622526.JavaMail.imal@chilly.excite.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All,

Lightbulb antennas, written about by Tom at Force 12, in QST back 2 or 3 issues ago, work swell if compared to nothing. The thrust of Toms article was that the only proper reference standard for an antenna is a dipole outside in the clear. Put a dipole in the attic to reference your Isotrons to, but not both simultaneously for fear of coupling between the two antennas. The dipole wins hands down, and at a greatly reduced expense. 73 Roy WA4DOU

Say Bye to Slow Internet!
<http://www.home.com/xinbox/signup.html>

Date: Thu, 14 Sep 2000 17:52:32 -0500
From: Dave Sjolín <sjolin@swbell.net>
To: wa4dou@excite.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [79531] Re: Any experience with the isotron antennas
Message-ID: <39C156B0.F035BD15@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

wa4dou@excite.com wrote:

> When individuals report great results with an Isotron product, what
> they're really saying is they have no reference standard to compare it to
> and therefore are incapable of evaluating it objectively. Objective analysis
> would reveal rather poor to extremely poor performance.

Still I wish I had had one when I lived in a high rise in Chicago during

the seventies. I really had no way to put even an ineffective antenna on HF. My height 230 feet above ground might have offset some of the loss.

I played with a 40 meter Isotron maybe 15 years ago. I worked Tahiti with it sitting on my deck, height maybe four feet. I worked Cuba with it sitting in my basement. Both were at 50 watts input.

Would my Butternut HF2V have worked better? Sure. Whenever I hear either of those areas on 40 these days, they are S9 plus. But, if an Isotron is all you can do at your current qth, its better than being off the air like I was for seven years.

I may hang the Isotron in a tree this fall and see how it compares to the Butternut on stateside contacts. Will let you know.

73 de Dave, N0IT

Date: Thu, 14 Sep 2000 16:11:12 PDT
From: "Scott Robbins" <srobbins_qrp@hotmail.com>
To: qrp-1@LeHigh.EDU
Subject: [79532] Reminder of Pt. Roberts Expedition this weekend!
Message-ID: <F31UbDBRArVc4Iu1B6g0000d322@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Reminder of Expedition to Point Roberts, USA!!

The Delta Amateur Radio Society of Delta, British Columbia, Canada will be on an Expedition to Point Roberts USA on September 16, 2000. Point Roberts is unique in that the only way for someone to access this part of the US (via surface travel coming from the continental US) is by boat or by vehicle through Canada. Point Roberts is on a peninsula located in northwest Washington state (just south of Vancouver, BC, Canada) (grid square CN88lx).

For anyone wanting to work this unique location, the club will be stationed there from 16:00-24:00 GMT (or later) (or 9am-5pm (or later) Pacific Time) on Saturday, September 16.

We will be on 10m-40m (possibly 80m as well) operating under the club call sign VE7SUN/W7. We will be calling "Point Roberts Expedition" when calling CQ on SSB and "CQ PRE" on CW. Look for us near the CW/SSB QRP calling frequencies.

QSL cards can be sent direct to the club at:

Delta Amateur Radio Society
6062 - 16th Avenue
Delta, BC
V4L 1H6
Canada

Please enclose SASE for return QSL card!
We hope to hear you on the air!

72/73,
Scott Robbins - VE7CCY
Delta Amateur Radio Society

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Share information about yourself, create your own public profile at
<http://profiles.msn.com>.

Date: Thu, 14 Sep 2000 16:14:16 -0700 (PDT)
From: wa4dou@excite.com
To: qrp-l@lehigh.edu
Subject: [79533] Re: Any experience with the isotron antennas
Message-ID: <28605370.968973256613.JavaMail.imal@chilly.excite.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Dave,

A loop or dipole around the baseboard or ceiling would have been much
cheaper and worked better. 73 Roy WA4DOU

On Thu, 14 Sep 2000 17:52:32 -0500, Dave Sjolín wrote:

> wa4dou@excite.com wrote:
>
> > When individuals report great results with an Isotron product, what
> > they're really saying is they have no reference standard to compare it
> > to
> > and therefore are incapable of evaluating it objectively. Objective
> > analysis
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> Still I wish I had had one when I lived in a high rise in Chicago during
> the seventies. I really had no way to put even an ineffective antenna on
> HF. My height 230 feet above ground might have offset some of the loss.
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> I played with a 40 meter Isotron maybe 15 years ago. I worked Tahiti
> with it sitting on my deck, height maybe four feet. I worked Cuba with
> it sitting in my basement. Both were at 50 watts input.
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> Would my Butternut HF2V have worked better? Sure. Whenever I hear either
> of those areas on 40 these days, they are S9 plus. But, if an Isotron is
> all you can do at your current qth, its better than being off the air
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> I may hang the Isotron in a tree this fall and see how it compares to
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>
> 73 de Dave, N0IT

Say Bye to Slow Internet!
<http://www.home.com/xinbox/signup.html>

Date: Thu, 14 Sep 2000 16:13:11 -0700
From: schoon@amgt.com
To: <qrp-1@Lehigh.EDU>, <wa4dou@excite.com>
Subject: [79534] RE: Any experience with the isotron antennas
Message-ID: <c=US%a=_%p=American_Geotech%l=AG-CALCITE-
BD-000914231311Z-3425@mail.amgt.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Ah, inside a steel hi-rise?? Not sure the building type, but at 23 stories tall, I'm pretty sure it would have a steel backbone to hold it all up!! Now, if he could've put up a 75' tower on top with 4 element pair of cophased monoband quads, now that might spark some interesting conversation. Could probably make your own propagation!!

72

.mark

>-----
>From: wa4dou@excite.com[SMTP:wa4dou@excite.com]
>Sent: Thursday, September 14, 2000 4:14 PM
>To: Low Power Amateur Radio Discussion
>Subject: Re: Any experience with the isotron antennas
>
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><http://www.home.com/xinbox/signup.html>
>

>

Date: Thu, 14 Sep 2000 16:20:33 -0700 (PDT)
From: Steve Yates <aa5tb@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [79535] RE: $V_{rms} = 0.707 \times V_{peak} = 0.5(0.707 \times V_{pp}) = 0.3535 \times V_{pp}$?
Message-ID: <20000914232033.27492.qmail@web3005.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

K6WHP was correct the first time. The 0.3535 already takes the ($\times 0.5$) into account.

Like he said, $V_{rms} = 0.707 \times V_{peak}$
or
 $V_{rms} = 0.707 \times (0.5 \times V_{peak-to-peak})$

Simplified,
since $0.5 \times 0.707 = 0.3535$,
then $V_{rms} = 0.3535 \times V_{peak-to-peak}$

=====

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://www.geocities.com/aa5tb>
aa5tb@arrl.net

Do You Yahoo!?
Yahoo! Mail - Free email you can access from anywhere!
<http://mail.yahoo.com/>

Date: Thu, 14 Sep 2000 17:27:21 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-canada@lists.gpfn.sk.ca, qrp-l@lehigh.edu
Subject: [79536] [PROP] Weekend/QRP Afield
Message-ID: <Pine.SUN.4.10.10009141708360.5343-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

There was another M class flare today. It will likely not bother us ... but it did cause the solar flux to take a sudden jump up to 151 today (friday) with 160's likely tomorrow (saturday). This is good news for the QRP AFIELD event tomorrow, as this slightly higher solar flux will put 15M into much better shape and increases the chances of daytime 10M openings during the contest.

IMPENDING GEOMAGNETIC STORM: As I write this (0000UTC 15SEP), the shockwave from tuesday's CME/flare has not reached us. I just checked the proton/particle sensors on the ACE and SOHO satellites, and the solar wind is very quiet ... about 350 km/sec. So the shockwave is at least an hour or more away from arriving on planet earth (about the time it takes the shockwave to travel from the satellites to earth -- or about an hours warning). It's likely the shockwave will hit later tonight. This is good news in the sense that it could trigger some nice auroral displays, which trigger and peak fairly fast (few hours) after the arrival of the shockwave. So if it arrives tonight, there could be some nice aurora's tonight.

Also, if it hits tonight, it is expected to trigger a major geomagnetic storm (possibly even a severe storm). This could trash 40M tonight after it hits, but would likely be settled down by saturday evening to finish up QRP Afield on 40M. Conditions will be more severe and pronounced in VE land ... including, of course, a much better aurora. Keep in mind, we have a full moon tonight, which will tend to subdue the auroral display the farther south in latitude you go.

So, solar flux is higher now than expected, so both 20M and 15M should support good daytime conditions during the contest, with openings on 10M. 40M will probably be quite noisy during daylight hours, but should be fairly good around dinner time and after with the effects of the geomagnetic storm quickly subsiding.

CU on the air for QRPA. I'll be operating from a treed area in the Gallinas Mountains overlooking La Jencia basin ... or about 20 miles south of the famed ghost town of Riley, NM. Jay Miller WA5WHN and others are all planning on getting together there. Just hope it's not windy.

Have fun in QRP Afield.

72, Paul NA5N

Did I mention the wind?

Date: Thu, 14 Sep 2000 16:38:40 -0700 (PDT)
From: wa4dou@excite.com
To: qrp-1@lehigh.edu
Subject: [79537] RE: Any experience with the isotron antennas
Message-ID: <18283073.968974720590.JavaMail.imal@chilly.excite.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Mark,

As long as the steel in the structure doesn't act as a "waveguide" below cutoff freq. , everything should be fine. BTW, "cophased" is a cb term. Phased means the same thing. In ham radio parlance, we strive to use technical precision. Kinda like "linears." Linear what? Amps come in linear and non-linear types. Depends on the class of operation its designed for. Class C requires a non linear for best efficiency. AM and SSB require a "linear" amp. for least distortion. Therefore saying linear means little byself, except in slang. 73 Roy WA4DOU

On Thu, 14 Sep 2000 16:13:11 -0700, schoon@amgt.com wrote:

> Ah, inside a steel hi-rise?? Not sure the building type, but at 23
> stories tall, I'm pretty sure it would have a steel backbone to hold it
> all up!! Now, if he could've put up a 75' tower on top with 4 element
> pair of cophased monoband quads, now that might spark some interesting
> conversation. Could probably make your own propagation!!

>

> 72

>

> .mark

>

> >-----

> >From: wa4dou@excite.com[SMTP:wa4dou@excite.com]

> >Sent: Thursday, September 14, 2000 4:14 PM

> >To: Low Power Amateur Radio Discussion

> >Subject: Re: Any experience with the isotron antennas

> >

> >Hi Dave,

> > A loop or dipole around the baseboard or ceiling would have been much
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> >On Thu, 14 Sep 2000 17:52:32 -0500, Dave Sjolín wrote:

> >

> >> wa4dou@excite.com wrote:

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> >> > and therefore are incapable of evaluating it objectively. Objective > >analysis

> >> > would reveal rather poor to extremely poor performance.

> >>

> >> Still I wish I had had one when I lived in a high rise in Chicago during

> >> the seventies. I really had no way to put even an ineffective antenna on

> >> HF. My height 230 feet above ground might have offset some of the loss.

> >>

> >> I played with a 40 meter Isotron maybe 15 years ago. I worked Tahiti

> >> with it sitting on my deck, height maybe four feet. I worked Cuba with

> >> it sitting in my basement. Both were at 50 watts input.

> >>

> >> Would my Butternut HF2V have worked better? Sure. Whenever I hear either

> >> of those areas on 40 these days, they are S9 plus. But, if an Isotron is

> >> all you can do at your current qth, its better than being off the air

> >> like I was for seven years.

> >>

> >> I may hang the Isotron in a tree this fall and see how it compares to

> >> the Butternut on stateside contacts. Will let you know.

> >>

> >> 73 de Dave, N0IT

> >

> >

> >

> >

> >

> >

> >-----
> >Say Bye to Slow Internet!

> ><http://www.home.com/xinbox/signup.html>

> >

> >

Say Bye to Slow Internet!

<http://www.home.com/xinbox/signup.html>

Date: Thu, 14 Sep 2000 18:43:16 -0500
From: Marty <N5NW@midsouth.rr.com>
To: qrp-1@lehigh.edu
Subject: [79538] Re: Lightbulb antennas!
Message-ID: <fhn2sskobooclculdhmq171789g0bf4jg4@4ax.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Thu, 14 Sep 2000 18:03:11 -0500, "Kevin Muenzler WB5RUE" =
<wb5rue@arrl.net>
wrote:

>This wouldn't happen to have been the April issue?

Yes, I think it was, but it was a legitimate article. Pretty good one, =
as I
recall.

As to the issue of compromise antennas ... Being that I'm in a restricted
situation (apartment), I'd bet that on the upper bands (20m-10m), the =
isotron
would be comparable, perhaps slightly better, than the random wire I =
currently
have. 40m and down is where the space factor of the isotron hurts it. =
There
are those who continually suggest attic dipoles (I don't have an attic) =
or
indoor wire loops around the ceiling (I don't want to expose my daughter =
or
pregnant wife to that much RF, even at QRP levels). That's my choice, =
and I'm
prepared to live with the consequences of that decision. I live in an
apartment complex that prohibits any wires outside. I have taken a =
chance in
erecting a wire antenna. That too is my choice, and again, I'm prepared =
to
live with the consequences.

What it does mean is experimenting with other antennas, like the DCTL, =
for
lower bands, or using the compact MFJ (or older AEA) Isoloops for the =
20m-10m

bands. I do have room outside on my patio for a 10m full-wave loop, in =
the
vertical plane, horizontally polarized. May play around with that some. =
I'd
certainly like to see some more experimentation with slot antennas, or =
other
more compact lower frequency antennas (like the Isotron!) for those of us=
in
antenna-challenged locations. After all, we are supposed to be at the
forefront in advancing the radio art. Antennas are a pretty good way.
Perhaps some sort of resonant coiled small loops (5-6 ft in diameter) can=
be
experimented with to find a way to make them work.

Don't let the idea of a compromise antenna scare you off, folks. After =
all,
compared to a four-element quad at 100 ft, a dipole really sucks lemons! =
But
put up the most efficient antenna you are comfortable erecting. As the =
QST
article illustrated, even a lightbulb is better than nothing.

--
Marty, N5NW

-----=

Lakeland (Memphis), Tennessee =
<http://marty.w.tripod.com/>
N5NW@midsouth.rr.com

Date: Thu, 14 Sep 2000 18:39:01 -0500
From: Dave Sjolín <sjolin@swbell.net>
To: wa4dou@excite.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [79539] Re: Any experience with the isotron antennas
Message-ID: <39C16195.6121F414@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

wa4dou@excite.com wrote:

>
> Hi Dave,
> A loop or dipole around the baseboard or ceiling would have been much
> cheaper and worked better. 73 Roy WA4DOU

Did you ever wrap 66 feet of wire around your bedroom or living room and still find room to live in? :-)

73 Dave, N0IT

Date: Thu, 14 Sep 2000 16:50:51 -0700 (PDT)
From: wa4dou@excite.com
To: qrp-l@lehigh.edu
Subject: [79540] Re: Any experience with the isotron antennas
Message-ID: <8920734.968975451557.JavaMail.imal@chilly.excite.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Please Dave,

This argument falls on deaf ears. I'd live in a tent in the woods if it was necessary, in order to have an antenna. BTW, when I lived in Flagstaff in '76-78, I first had a dipole in the apt., followed by a 240 ft. longwire outside. That's where I got my KMPW award. :o) 73 Roy WA4DOU

On Thu, 14 Sep 2000 18:39:01 -0500, Dave Sjolín wrote:

> wa4dou@excite.com wrote:
> >
> > Hi Dave,
> > A loop or dipole around the baseboard or ceiling would have been much
> > cheaper and worked better. 73 Roy WA4DOU
>
> Did you ever wrap 66 feet of wire around your bedroom or living room and
> still find room to live in? :-)
>
> 73 Dave, N0IT

Say Bye to Slow Internet!
<http://www.home.com/xinbox/signup.html>

Date: Thu, 14 Sep 2000 17:55:02 -0600
From: Andrew Madsen <andrew@utahdesign.com>

To: qrp-1@Lehigh.EDU, wb5rue@arrl.net
Subject: [79541] RE: Lightbulb antennas!
Message-ID: <39C16556.E5C630D4@utahdesign.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It wasn't the april issue, and it was not a joke. A few months ago, Kenny Silverman, K2KW spoke at our local club meeting about antennas and "Team Vertical." He used the lightbulb antenna with Tom of Force 12. They eventually put up 3 lightbulbs and used them in as a phased array. He had the lightbulb they used to work WAC at the club meeting. It was just a standard lightbulb. I believe it was in the June 2000 issue of QST, but I could be wrong. Pretty interesting stuff!

--

73 & oo,
Andrew Madsen AC7CF
ac7cf@qsl.net
<http://www.qsl.net/ac7cf>
AOL IM: ac7cf
FISTS nr. 7439 | QRP-L nr. 2180
FPQRP#-71 | A.R.S nr. 738
SOC #376 | UARC | ARRL
Norcal | NOGAQRP | NJQRP

Date: Thu, 14 Sep 2000 16:56:50 -0700 (PDT)
From: wa4dou@excite.com
To: qrp-1@lehigh.edu
Subject: [79542] Re: Lightbulb antennas!
Message-ID: <2101886.968975810330.JavaMail.imal@chilly.excite.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Marty,

Won't take issue with your right to decide anything you want for yourself. As for me, i chose to disobey on " no antennas." My Constitution says, " Life, Liberty and the pursuit of happiness in ham radio." Ha! 73 Roy WA4DOU

On Thu, 14 Sep 2000 18:43:16 -0500, N5NW@midssouth.rr.com wrote:

> On Thu, 14 Sep 2000 18:03:11 -0500, "Kevin Muenzler WB5RUE"
> <wb5rue@arrl.net>
> wrote:

>
> >This wouldn't happen to have been the April issue?
>
> Yes, I think it was, but it was a legitimate article. Pretty good one,
as I
> recall.
>
> As to the issue of compromise antennas ... Being that I'm in a restricted
> situation (apartment), I'd bet that on the upper bands (20m-10m), the
isotron
> would be comparable, perhaps slightly better, than the random wire I
currently
> have. 40m and down is where the space factor of the isotron hurts it.
There
> are those who continually suggest attic dipoles (I don't have an attic)
or
> indoor wire loops around the ceiling (I don't want to expose my daughter
or
> pregnant wife to that much RF, even at QRP levels). That's my choice,
and I'm
> prepared to live with the consequences of that decision. I live in an
> apartment complex that prohibits any wires outside. I have taken a
chance in
> erecting a wire antenna. That too is my choice, and again, I'm prepared
to
> live with the consequences.
>
> What it does mean is experimenting with other antennas, like the DCTL,
for
> lower bands, or using the compact MFJ (or older AEA) Isoloops for the
20m-10m
> bands. I do have room outside on my patio for a 10m full-wave loop, in
the
> vertical plane, horizontally polarized. May play around with that some.
I'd
> certainly like to see some more experimentation with slot antennas, or
other
> more compact lower frequency antennas (like the Isotron!) for those of us
in
> antenna-challenged locations. After all, we are supposed to be at the
> forefront in advancing the radio art. Antennas are a pretty good way.
> Perhaps some sort of resonant coiled small loops (5-6 ft in diameter) can
be
> experimented with to find a way to make them work.
>
> Don't let the idea of a compromise antenna scare you off, folks. After
all,
> compared to a four-element quad at 100 ft, a dipole really sucks lemons!

But

> put up the most efficient antenna you are comfortable erecting. As the
QST

> article illustrated, even a lightbulb is better than nothing.

>

> --

> Marty, N5NW

>

> Lakeland (Memphis), Tennessee

<http://marty.w.tripod.com/>

> N5NW@midsouth.rr.com

Say Bye to Slow Internet!

<http://www.home.com/xinbox/signup.html>

Date: Thu, 14 Sep 2000 16:53:16 -0700

From: "K7FD-N7SG" <cqdx@teleport.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [79543] LATEST LIST: Pacificon attendee's

Message-ID: <004501c01ea6\$f4e49780\$83231ad8@default>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

If you would like to add your name to this list of QRP'ers attending
Pacificon, please email me directly and I will add you to the growing
multitude! An updated list will be posted periodically on the reflector...

73, John K7FD

AA10F Jerry

AD6CW Jim

AD6GI Chuck

G3MFJ Graham

G4WIF Tony

K1MG Mike

K4NK Les

K7FD John

K7GT Allan
K7QO Chuck
KD7S Bill
KE6MRH Robin
KI7FQ Mike
KK7GG Mike
N2PTW Joyce
N7SG Annette
N7XJW Bertie
NK7M Bob
W6YBS Judy
W7AQK Dave
WA7SPY Glenn

Date: Thu, 14 Sep 2000 16:57:33 -0700
From: Bob Hightower <nk7m@extremezone.com>
To: wa4dou@excite.com
Cc: qrp-l@lehigh.edu
Subject: [79544] Re: Any experience with the isotron antennas
Message-ID: <200009142357.QAA04961@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 03:45 PM 9/14/2000 -0700, you wrote:

>Dan,
> I agree with you heartily but they must not use words like "very good" or
>"excellent results" because those expressions have very precise meanings and
>cannot pertain to the performance of an Isotron until the day that the laws
>of phisics are suspended. 73 Roy WA4DOU

>-----
>On Thu, 14 Sep 2000 15:29:06 -0700, tacquire@earthlink.net wrote:

>
>> If people make contacts with it and they are happy with their personal
>results
>> then that's all that counts.
>>

Folks that I have known to use the isotron antennas have generally had
'good' results, _but_ some of them have had to open them up and complete
the construction of them, i.e., some of the solder joints and connections
internally were not completed at the factory. If you don't like how yours
is performing, check it out. I have had this problem with other products as
well, particularly those built in Mexico.

Bob Hightower NK7M

Chandler, AZ
SOC #20
K2 #157/255

<http://www.extremezone.com/~nk7m>

Date: Thu, 14 Sep 2000 18:07:43 -0600
From: Ray Colbert <w5xe@juno.com>
To: ki6ds@dospalos.org
Subject: [79545] Re: Status of QRPp
Message-ID: <39C1684F.D55E2399@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Spring arrived Far West Texas Wednesday 9/13/00.
Thanks to all involved.
Ray
--

"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M SOC#78 fp #111
NCT2 (also w5xe@juno.com El Paso, (FAR WEST) TEXAS

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Request a CDRom	1-800-333-3633

Date: Thu, 14 Sep 2000 20:14:07 -0400
From: "Stephen D. Cohen" <scohen@tampabay.rr.com>
To: "QRP-L Mailing List" <qrp-l@lehigh.edu>
Subject: [79546] RE: $V_{rms} = 0.707 \times V_{peak} = 0.5(0.707 \times V_{pp}) = 0.3535 \times V_{pp}$?
Message-ID: <NDBBJALMDCJHFFPJMMFKOEAADLAA.scohen@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

> >I have an AN/URM-25D signal generator whose meter is calibrated in
> >micro-volts. Is this peak-to-peak or RMS (I suspect the former). If it is
> >RMS then the readings I get using an RF probe/DVM should be similar. If
> >peak-to-peak, then the indications on a scope should be
> equivalent, as in:
> >
> > $V_{rms} = 0.707 \times V_{peak} = 0.5(0.707 \times V_{pp}) = 0.3535 \times V_{pp}$
> >
> >Again, my thanks in advance.

Your calculations are correct. It has been my finding that things that are labeled in microvolts (RF measurement type devices) are labeled in V_{peak} , rather than V_{pp} . This is especially true of HP gear, I do not have that much experience with others. I offer this so that you won't go looney if you find the markings to be V_{peak} .

73,

Steve, NF4X

Date: Thu, 14 Sep 2000 20:16:14 -0400
From: "Russ Hines" <radioruss@fuse.net>
To: <kd1jv@moose.ncia.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [79547] Re: Dummy Loads
Message-ID: <005c01c01eaa\$2a07c600\$1a2044d8@rbhines>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

They do work quite well into VHF. The solid state VHF TV transmitters I install professionally use them as the load(s) in the N-way Geisel combiners.

73,
Russ Hines
WB8ZCC

----- Original Message -----
From: Steven Weber <kd1jv@moose.ncia.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Thursday, September 14, 2000 10:33 AM
Subject: Dummy Loads

> Hi Gang,
>
> A FAQ is what kind of resistor to use as a dummy load? Here's a new
> resistor I noticed in the Digi-Key catalog, something called a "Power
> Chip" resistor. They come in 5 W, 10 W and 25 W flavors. It's a thick
> film resistor on an Alumina substrate and has very low inductance, 10
> nH at 1 Mhz. Two 5W, 100 ohm resistors will run you just under \$2.00.
> These should make excalent dummy loads, well into VHF
>
>
> 72,
> Steve, KD1JV in the white Mountains of New Hampshire
> "melt solder"

Date: Thu, 14 Sep 2000 17:36:25 -0700
From: "Doug Hendricks" <ki6ds@dospalos.org>
To: <qrp-1@Lehigh.EDU>
Subject: [79548] Re: LATEST LIST: Pacificon attendee's
Message-ID: <002901c01eac\$fc97f840\$2fbdc03f@DougHendricks>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

John, put Jim, WA6GER and Doug, KI6DS on the list. 72, Doug

Date: Thu, 14 Sep 2000 19:38:09 -0500
From: "Dennis Payton" <dpayton@fwi.com>
To: <qrp-1@Lehigh.EDU>
Subject: [79549] FS: DK9SQ Loop
Message-ID: <002d01c01ead\$3aabffa0\$efa854d1@locke>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

DK9SQ Loop in new condition. I bought it this year at Dayton for \$85 and have never used it except for assembling, then disassembling it when I got it home. I'll sell it for \$45, which includes shipping priority mail.

Thanks,

Denny Payton, N9JXY
Auburn, IN

Date: Thu, 14 Sep 2000 17:48:24 -0700 (PDT)
From: wa4dou@excite.com
To: qrp-l@lehigh.edu
Subject: [79550] Last post on Isotrons
Message-ID: <13782545.968978904814.JavaMail.imal@chilly.excite.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Come on Guys,

Don't be so thin skinned. Nobodys out to deprive you all of an Isotron if thats what you really want. It makes the older among us somewhat sad to see those who would fleece the younger among us. Antenna textbooks really are cheap and won't lead you astray.

Wanna know something else to avoid at all cost? Alinco DX-77T's. These things are so bad that they really redefine the meaning of "junk", "terrible", really, "really bad", etc. The gain distribution in these rigs is atrocious, the audio quality on receive is rough. I bought one used last month, off this list. It is 10 months old. I suppose i was long overdue to take a beating. The National NC-200 xcvr from the late '60's had previously been my reference standard for a "sorry" rig. Now it looks like a Cadillac. You can't say you weren't warned! :o) 73 Roy WA4DOU

Say Bye to Slow Internet!
<http://www.home.com/xinbox/signup.html>

Date: Thu, 14 Sep 2000 18:01:58 -0700
From: Jim/Julia <w7ls@blarg.net>
To: tacquire@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [79551] Re: JJ&A Bobcat 40 and 80
Message-ID: <39C17506.DA3E0AC7@blarg.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The rig is on hold, for now. Several design changes. Jim, W7LS

Dan wrote:

> Has anyone tried this little rig? Came across their site in a web search and it
> looks impressive.
> <http://www.jja-instruments.com/radio.html>

Date: Thu, 14 Sep 2000 20:03:04 -0400
From: Jeff Davis <jeff@n9avg.org>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [79552] For Sale
Message-ID: <20000914200304.B29007@n9avg.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

I have the following equipment for sale:

TenTec Omni D Series C, 100 watt Digital Tranceiver, 160-10m (includes WARC),
CW, SSB, positons plus 3 active audio CW filter. Very clean. Front panel ALC
control permits operation down to below 5 watts.
\$350

TenTec Model 255 deluxe power supply/speaker. Very clean.
\$85

TenTec Model 243 External VFO. Works FB but does NOT have the stock feet
on the rear.
\$100

TenTec Argosy 525 analog. This is a nice radio that works FB but the
cabinet is a little rough. Several little dings and scratches. 50w or 5
watt selectable. Includes the calibrator and the Embedded Research
AF-224 audio filter. PTO was rebuilt about a year ago. Nice receiver and
works FB.
\$150

All prices include shipping in the CONUS.

Contact me off the list for more information.

--

72 de Jeff, N9AVG

Date: Thu, 14 Sep 2000 21:09:39 EDT
From: Slqghp@aol.com
To: qrp-1@lehigh.edu
Subject: [79553] OP - Delaware on 80 meters
Message-ID: <62.7291251.26f2d0d3@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I'm going to be on 3.546 MHz every evening from 10 - 10:30 p.m. EDT until I make a QSO. The rig is hb, dc receiver and 2.5 watts output. The antenna is a 40 meter dipole loaded as a random wire. Probably have to be on a LOT of nights to make a contact with this setup. I'll have a better signal once I get out there and put up a loaded dipole for 80. Chances are, I won't get around to that until there is snow on the ground!

Since the rig is hb from the key to the antenna, I'll QSL with hand-made QSLs.

Hap, WA3PTG
Wilmington DE

Date: Thu, 14 Sep 2000 18:18:41 -0700
From: Jim/Julia <w7ls@blarg.net>
To: aa5tb@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [79554] Re: JJ&A Bobcat 40 and 80
Message-ID: <39C178F0.6AAE94B4@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The reason is simply speed of operation. A tuner requires a tuning indicator and something to turn, or twist. Simplicity of operation and environmental security is why it is what it is. You can put a coax on it and put the rig wherever you want. It has the standard 3/4" spacing,

all ready for the
adapters you can get from Radio Shack. You can also fix this with a Leatherman in
the field, where you
can't readily fix a coax connector in the field. Jim W7LS

Steve Yates wrote:

> Neat little rig but the price must be tailored for the Army.
>
> I can't understand why they chose to have the rig connected directly to the
CENTER of the dipole
> antenna rather than at the END. A simple internal coupling network would be all
that is necessary
> and the important part of the antenna, the center, could be placed a bit higher
and you wouldn't
> have to stand up to operate. It would make the rig a lot more convenient to
operate since it
> could be placed where ever you want it and just run the antenna from there.
>
> =====
> 73,
> Steve Yates - AA5TB
> Fort Worth, TX - EM12gs
> <http://www.geocities.com/aa5tb>
> aa5tb@arrl.net
>
> -----
>
> -----
> Do You Yahoo!?
> Yahoo! Mail - Free email you can access from anywhere!
> <http://mail.yahoo.com/>

Date: Thu, 14 Sep 2000 21:18:15 -0400
From: John Payne <paynej1@strato.net>
To: qrp-1@lehigh.edu
Subject: [79555] Radio-Schlepp.... SHEEEEEESH!
Message-ID: <SAK.2000.09.14.ebsmlfkg@john-payne>
MIME-Version: 1.0
Content-Type: Text/Plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8Bit

I have been trying for three days now to get together an order for the parts for
the Kitchin
Regen from Sept. QST with no luck. I type in a part number in their so-called

search
engine and get told they have never heard of such a thing. So then I try to wade
through
the catalog listings, which are in no discernable order. Then my connection dies.
@&\$\$*# StratoNet! GRRRRRR... Guess I'll have to take my hat in hand and go to
the
store, or else try to order from Mouser or Jameco.

"Radio Shack-You've got money, we've got pockets!"

Thanks for letting me vent & 72/3!

John N4FLJ

Date: Thu, 14 Sep 2000 21:22:02 EDT
From: Dean W Manley <kh6b@juno.com>
To: qrp-1@lehigh.edu
Cc: kh6b@juno.com
Subject: [79556] Re: Lightbulb antennas!
Message-ID: <20000914.152050.5391.7.kh6b@juno.com>

Hi Group,

I lightbulb antenna, better than nothing?

How about a 50-Ohm dummy load, with a TEE
connector. One way goes to your transceiver and
the other to a random length wire. Mine was 110 ft
as an inverted V, the center about 20 ft high.

This was suggested by the VK QRP people a few
years ago. I also saw it described in Kurt N. Sterba's
column in WorldRadio a few years back.

Perhaps LB needs to comment, but believe it's best
to use a wire length that is NOT resonant in any
amateur band. Does the antenna radiate most, half
or little of the energy?

No tuner needed, multi band (or ALL band) system.
I haven't tried it on all the bands, but it gave me good
signals on 80 and 40m. On 40m, no Hawaii net station
could tell the difference between it and my regular
40m coax-fed horizontal half-wave.

Aloha,
Dean KH6B
Hilo Hawaii

Date: Thu, 14 Sep 2000 18:28:13 +0100
From: Chuck Adams <k7qo@primenet.com>
To: na5n@rt66.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [79557] Re: [PROP] Weekend/QRP Afield
Message-ID: <4.3.2.7.0.20000914182524.00ad8270@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 05:27 PM 9/14/00 -0600, Paul Harden, NA5N wrote:
> It's likely the shockwave will
> hit later tonight. This is good news in the sense that it could
> trigger some nice auroral displays, which trigger and peak fairly
> fast (few hours) after the arrival of the shockwave. So if it
> arrives tonight, there could be some nice aurora's tonight.

Bad news. Last night was a full moon, a.k.a. Harvest moon since
it occurs this time of the year..... This means that due to
the light coming from the moon you just might not be able to
see much of the aurora display when it does occur.

> So, solar flux is higher now than expected, so both 20M and 15M
> should support good daytime conditions during the contest, with
> openings on 10M. 40M will probably be quite noisy during daylight
> hours, but should be fairly good around dinner time and after with
> the effects of the geomagnetic storm quickly subsiding.

My Heathkit GC-1000 has been locked on 15MHz signal all day, so
propagation should have been good today also.....

FYI

Chuck Adams, K7QO Prescott, AZ

Date: Thu, 14 Sep 2000 18:28:28 -0700
From: Bob Hightower <nk7m@extremezone.com>
To: qrp-1@lehigh.edu, elecrafc@qth.net

Subject: [79558] Noise Generator and Mic Pre-amp Kits still available
Message-ID: <200009150129.SAA00858@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The AZ ScQRPions are offering two kits to help in the building and operation of your K2, and both kits are useful with other rigs as well:

1. The W5JH Mic Pre-amp is a kit which amplifies your mic audio when needed. We have been told that most Heil mics working with the K2 will need this kit, and you may find that you need one as well, with whichever mic you are using. If you are getting reports that indicate you need a bit more mic gain, you might try this kit. It's simple, easy to build, and you can find information about it in the Spring QRPp that I just received, as well as at <http://www.extremezone.com/~nk7m/preamp.htm>. The kit contains a printed circuit board, all parts, and detailed instructions. The cost is only \$10.00 per kit, and we can ship immediately.

2. The N0SS Broadband RF Noise Generator has proven to be a valuable aid in setting filters on the K2, and has many other applications. This kit is complete, with drilled pcb, all parts, switches, battery connector and coax. Complete instructions for construction, as well as instructions on using Spetrogram (available free on the Web) are included. Again, the cost is only \$10.00 per kit, and we ship immediately.

If either of these kits fits your needs, please send a check for \$10.00 per kit to me, Bob Hightower, at 1905 N. Pennington Drive, Chandler, AZ 85224-2632. Please include a self-addressed shipping label, and please indicate in your order which kit, or combination of kits, you want.

Bob Hightower NK7M
Chandler, AZ
SOC #20
K2 #157/255

<http://www.extremezone.com/~nk7m>

Date: Thu, 14 Sep 2000 18:34:15 +0100
From: Chuck Adams <k7qo@primenet.com>
To: qrp-1@lehigh.edu
Subject: [79559] Last call for help
Message-ID: <4.3.2.7.0.20000914183032.00ad9a60@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

I have had a project going for some time.

I have managed to get all copies of the QRP ARCI Quarterly newsletter on CD (well, OK it's on a hard drive ready to put on a CD) that I have. This means from Jan of 1980 to present. PLUS, some photos that had been sent to previous Editors.

But I am in dire need of earlier issues.

This is the last posting you will hear from me on the subject. If I do not find earlier issues then all this work is in vain.

G-QRP has a CD with all their issues on it. The MI-QRP Club has a CD with all their issues on it. The ARRL has a CD collection with all issues of QST on them.

How some help. Please.

rm -rf *.*

dit dit

Chuck Adams, K7Q0 Prescott, AZ

Date: Thu, 14 Sep 2000 21:38:15 -0400
From: "Thom Durfee" <wi8w@arrl.net>
To: <qrp-l@Lehigh.EDU>
Subject: [79560] Attending Pacificon
Message-ID: <012601c01eb5\$9e943200\$350f1f40@bignet.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If you wish, tag your name to ours if you plan on attending Pacificon and repost to the reflector...might be fun to see who's going!

We'll be there!

John K7FD
Annette N7SG

Thom WI8W

Date: Thu, 14 Sep 2000 20:36:23 -0500
From: "Dennis Payton" <dpayton@fwi.com>
To: <qrp-1@Lehigh.EDU>
Subject: [79561] Re: FS DK9SQ Loop
Message-ID: <005a01c01eb5\$5cfbe5e0\$efa854d1@locke>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The loop is sold.

Thanks,

Denny N9JXY

Date: Thu, 14 Sep 2000 18:47:00 -0700
From: Bob W7AVK <rsrolfne@atnet.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [79562] Pacificon Share?
Message-ID: <39C17F94.DE64202A@atnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Good Day - I'm considering attending the Pacificon but am looking for someone to share the travel and a room at the event. I'm located in Moses Lake, WA.

Have never been before and don't know the hotels, etc.

73 Bob W7AVK

Date: Thu, 14 Sep 2000 20:37:59 -0500
From: Bill Stietenroth <k5zty@juno.com>

To: kd1jv@moose.ncia.net
Cc: qrp-1@Lehigh.EDU
Subject: [79563] Re: Dummy Loads
Message-ID: <20000914.204640.-3888611.1.k5zty@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Maybe some one who is going to order some parts from Digi Key would order some of these resistors for the group. Digi Key has a \$25. minimum order or add a \$5. surcharge. Maybe buy a few extras and remail them for a buck or so extra with a SASE.

Bill, K5ZTY
Houston, TX

On Thu, 14 Sep 2000 14:33:19 +0000 "Steven Weber" <kd1jv@moose.ncia.net> writes:

> Hi Gang,
>
> A FAQ is what kind of resistor to use as a dummy load? Here's a new
> resistor I noticed in the Digi-Key catalog, something called a
> "Power
> Chip" resistor. They come in 5 W, 10 W and 25 W flavors. It's a
> thick
> film resistor on an Alumina substrate and has very low inductance,
> 10
> nH at 1 Mhz. Two 5W, 100 ohm resistors will run you just under
> \$2.00.
> These should make excalent dummy loads, well into VHF
>
>
> 72,
> Steve, KD1JV in the white Mountains of New Hampshire
> "melt solder"

Date: Thu, 14 Sep 2000 21:41:12 -0400
From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>
To: kd1jv@moose.ncia.net
Cc: qrp-1@lehigh.edu
Subject: [79564] Re: Dummy Loads
Message-ID: <5.0.0.25.1.20000914213919.009fc270@pop.prodigy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 02:33 PM 9/14/00 +0000, you wrote:

>Hi Gang,
>
>A FAQ is what kind of resistor to use as a dummy load? Here's a new
>resistor I noticed in the Digi-Key catalog, something called a "Power
>Chip" resistor. They come in 5 W, 10 W and 25 W flavors. It's a thick
>film resistor on an Alumina substrate and has very low inductance, 10
>nH at 1 Mhz. Two 5W, 100 ohm resistors will run you just under \$2.00.
>These should make excalent dummy loads, well into VHF
>
>
>72,
>Steve, KD1JV in the white Mountains of New Hampshire
>"melt solder"

Steve....I just ordered a 35 watt version of this type of
resistor for part of a high level attenuator. Just what the
doctor ordered when you need 30 dB of attenuation.

You spot good thing too I see! :-)

72.....Jim, K8IQY

Date: Thu, 14 Sep 2000 21:52:17 -0700
From: "Gary McCaughey" <MAIL4GARY@worldnet.att.net>
To: <qrp-1@lehigh.edu>
Subject: [79565] Pacificon - When and Where
Message-ID: <003d01c01ed0\$beb2e5c0\$44dc4d0c@garymcca>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hello All,

It has probably been posted.....but when (dates) and
exactly where will Pacificon be held. I want to punch the
info into Travelocity and look for some cheap tickets.....

Thanks

Gary
W2UX

Lexington, SC

CW is the REAL THING, USE IT or LOSE IT!

Date: Thu, 14 Sep 2000 21:59:59 EDT
From: N10DL@aol.com
To: wa4dou@excite.com, qrp-1@lehigh.edu
Subject: [79566] Re: Any experience with the isotron antennas
Message-ID: <12.245809f.26f2dc9f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Just to put in my .02\$ in to hie antenna question....I own a Isotron for 20 meters and also use several different dipoles. I hqave had very good success with this antenna from my den, mounted on a PVC pipe. I have worked LOTS of DX and local both. Yes...I do agree that the dipole is a better antenna, but I do feel that the 20 meter antenna from Isotron is worth the price. I also take the antenna with me on trips and have made contacts from hotel rooms. Yes, I do stick the antenna out the window to get it clear of the hotel....but this antenna DOES work. I made over one dozed contacts with this antenna during the DXCC contest. To this day, the antenna is still used and at this moment is sitting on the mast in my den hooked up to my OHR400 at 3 watts.

A proud user....

Aron

N10DL

Bedford, NH

Date: Thu, 14 Sep 2000 22:33:57 -0400
From: Kenneth Hoglelund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [79567] Orienting Bulbs...errr Loops?
Message-ID: <39C18A95.A1B67506@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The lightbulb study was in the July 2000 QST entitled "Everything Works". I especially liked the sub-text: "Your enjoyment of Amateur Radio is directly related to your antenna--although anything will 'work'."

Sort of follows an adage on the list a few days' back--"Anything can

radiate."

Several posts on antennas have noted horizontal loops, vertical loops, etc. I'm still figuring out my best options, and have been working 10m with an attic dipole oriented N-S, though hearing little to the north, mainly NE-SW. I've played tinker-toys with pvc pipe to construct a 10m full loop as per the ARRL Handbook 1999 ed., p. 20.43. Now to get it into the attic.

Can go horizontal with ease, but from the comments on the list this sounds like a bad angle. Can probably go vertical on an E-W plane: would this give me a little different coverage? Can maybe tie it into the roof elements and go N-S on about a 45 degree angle--any point to this effort?

Am open to any suggestions. And I think there's a few spare 60w bulbs in the upstairs closet.....

73,

Ken KG4FGC

Date: Thu, 14 Sep 2000 23:03:27 -0700
From: "Gary McCaughey" <MAIL4GARY@worldnet.att.net>
To: <MAIL4GARY@worldnet.att.net>
Cc: <qrp-1@lehigh.edu>
Subject: [79568] Re: I found it...Pacificon - When and Where
Message-ID: <006901c01eda\$ac856120\$44dc4d0c@garymcca>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Spoke, or should I say emailed too soon. I found it.
Thanks anyway.

Gary

----- Original Message -----

Subject: Pacificon - When and Where

: Hello All,
:
: It has probably been posted.....but when (dates) and

: exactly where will Pacificon be held. I want to punch the
: info into Travelocity and look for some cheap tickets.....
:
: Thanks
:
: Gary
: W2UX
: Lexington, SC
:
: CW is the REAL THING, USE IT or LOSE IT!
:

Date: Thu, 14 Sep 2000 21:13:38 -0700
From: Patrick Armstrong <aa7fg@gte.net>
To: qrp-1@Lehigh.EDU
Subject: [79569] FS: PW-1; Autek RF-1 Antenna Analyzer...
Message-ID: <39C1A1F2.F70DF449@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Offer for sale a Super Antenna's PW-1 10-40M portable antenna brand new
in the original box along with an Autek Research RF Analyst model RF-1
HF antenna analyzer in excellent condition. Sell only together for
\$200.00, thanks...

Pat, AA7FG - Oregon

Date: Fri, 15 Sep 2000 00:16:50 -0500
From: "Dennis Payton" <dpayton@fwi.com>
To: <qrp-1@Lehigh.EDU>
Subject: [79570] A Few Free SPRAT's
Message-ID: <00b701c01ed4\$28547ea0\$efa854d1@locke>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have SPRAT's 48, 49, 50, 52, 53, 55, 56, 61, 62, 63, 64, 66, 67, 68, 69,
71, 72, 73, 74, & 76 that are excess to my needs. If anybody'd like them or
needs a few to complete their collection, I can send them for whatever my
Priority Mail costs are.

Denny Payton, N9JXY
Auburn, IN

Date: Fri, 15 Sep 2000 06:56:43 +0100
From: "Tony Fishpool" <g4wif@btinternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [79571] Re: Noise Generator and Mic Pre-amp Kits still available
Message-ID: <00c001c01eda\$acb327e0\$328f01d5@p200>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I was lucky to have been sent a ScQRPion noise generator and built it just before I managed to blow up my MFJ antenna analyser. Needing to get my "fix" of playing with antennas, I added a quids worth of components and made a noise bridge. Plenty of stuff in the text books on these, or come along to Pacificon to hear how Graham G3MFJ and I made them.

Kind regards
Tony - G4WIF

----- Original Message -----
From: "Bob Hightower" <nk7m@extremezone.com>

> The AZ ScQRPions are offering two kits <snip>

> 2. The N0SS Broadband RF Noise Generator has
> proven to be a valuable aid in
> setting filters on the K2, and has many other applications.
> the cost is only \$10.00 per kit,
<snip>

Date: Fri, 15 Sep 2000 05:18:40 -0400
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>, ". NJ QRP-L" <njqrp@njqrp.org>
Subject: [79572] Lafayette Extrenal BFO
Message-ID: <003201c01ef5\$f06d7560\$0c745fcc@wb3aal>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

Does any one know how a Lafayette External BFO works?
There is a place for a 9 vdc battery and a output, but there is
no input.

Please reply direct to wb3aal@fast.net .

Thanks in advance.

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
<http://www.n3epa.org>
Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@fast.net

EPA QRP #1	ARRL Life Member
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI QRP #153
VA QRP Society #45	MI QRP #1703
K2 sn1392	NJ QRP #179

Date: Fri, 15 Sep 2000 10:38:14 +0100
From: Vic Winton <Vic.Winton@trafford-press.com>
To: "'wd3p@juno.com'" <wd3p@juno.com>, Low Power Amateur Radio Discussion <qrp-
l@lehigh.edu>
Subject: [79573] RE: dsw-20 does it agn
Message-ID: <C94AC5B1B413D411ABDC009027177A641C5F@trafford01.trafford-press.com>
MIME-Version: 1.0
Content-Type: text/plain

Hi,

I guess that's why you have to guy it !!!!!!!!

Regards,

Vic GW4JUN

snip....." This one has the advantage of getting the coils up higher - they are up about 45 feet from the base of the antenna. "

PS I claim the largest mobile antenna in the world. A few years ago I was working portable on 160m on a beach near home using a 140 feetlong vertical wire kite supported. It was a very big beach. At one point I moved the car to get away from other beach users and in so doing had a mobile contact (with another mobile I think) with the kite aerial.

That's about my only claim to fame.....

Date: Fri, 15 Sep 2000 05:50:17 -0400
From: "Ron Polityka" <wb3aal@fast.net>
To: ". Eastern PA QRP Club" <epaqrp-l@Lehigh.EDU>, "Appalachian Trail Award" <ATRAIL-L@Lehigh.EDU>
Cc: ". QRP-L" <qrp-l@Lehigh.EDU>, <nn1g@earthlink.net>
Subject: [79574] SW-40+ Transceiver
Message-ID: <009601c01efa\$5b887260\$0c745fcc@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wow it really works!!

Since I have been off this week recovering from surgery I built Dave Benson, NN1G, SW-40+ Transceiver.

I was going through the Elmer 101 project with the rig but I was having some trouble. So I just started to follow the manual for the rig. I did the smoke test last night and aligned the transmitter and receiver. We had heavy thunderstorms last night so I could not make any QSOs. Well this morning I woke up at 4:30 AM and I decided to call CQ around 7.040.

To my surprise a N5PZ from Amory, MS came back to my 1st CQ and gave me a 559 with QRN & QSB. WOW the 1.5 watts out worked and I did not screw anything up!!!!!! This is one happy camper or should I say hiker.

This will be my new radio for the Appalachian Trail when I plan only to operate on 40 meters. Now that is loosing some weight compared to a Kenwood TS-50.

Thanks Dave, great little rig!!! Now I just have to install the Freq.-Mite. and I will be set.

Now onto the K2!!!!

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
<http://www.n3epa.org>
Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@fast.net

EPA QRP #1	ARRL Life Member
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI QRP #153
VA QRP Society #45	MI QRP #1703
K2 sn1392	NJ QRP #179

Date: Fri, 15 Sep 2000 06:02:34 EDT
From: SKIPNC90@aol.com
To: dbeach@blvl.igs.net
Cc: qrp-l@lehigh.edu (Low Power Amateur Radio Discussion)
Subject: [79575] Re: HW-9 Output Transistor Replacement?
Message-ID: <b0.a556277.26f34dba@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi David,

Have him also check all the diodes in the TR circuit. One failed diode and the output will drop to less than a watt.

If you have a scope you can see this by monitoring your output

wave form while transmitting into a dummy load. Start with the power at minimum and slowly raise it up. If the output sinewave starts out clean and becomes distorted take a look at the TR switch diodes. I think it was D6 or D5 that failed in mine more than once. The distortion started to showed up at about 1/2 watt out.

I hope that this will be of help David.

73, Skip Davis NC90

Date: Fri, 15 Sep 2000 07:05:44 -0400
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [79576] Re: Lafayette Extrenal BFO
Message-ID: <00d701c01f04\$e56b0420\$0c745fcc@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks for all the information.

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
 <http://www.n3epa.org>
Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@fast.net

EPA QRP #1	ARRL Life Member
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI QRP #153
VA QRP Society #45	MI QRP #1703
K2 sn1392	NJ QRP #179

Date: Fri, 15 Sep 2000 07:20:06 EDT

From: n5ib@juno.com
To: qrp-l@lehigh.edu
Subject: [79577] Take my SMK-1 to Pacificon...
Message-ID: <20000915.061510.4671.1.N5IB@juno.com>

Hi Pacificon trekkers,

I too have an SMK-1 that is longing to strut in the SMK beauty contest and snag some Q's in the QSO party at Pacificon, but alas, I cannot chaperone it on this journey.

Might there be a surrogate parent out there who will enrich the life of my little one?

Send your snail mail info...

72
Jim N5IB

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Fri, 15 Sep 2000 05:42:31 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Marty Purselley <brewer@flash.net>
Cc: QRP-L List <qrp-l@lehigh.edu>
Subject: [79578] Re: Solder Station
Message-ID: <Pine.LNX.4.10.10009150531300.736-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Marty, I should have included the URL because it's obscure. I will cc: this to the list. Sorry guys!

<http://www.web-tronics.com/autsolirstat.html>

Now keeping the tip clean and wet is not easy with any soldering iron. This station has a wet sponge tip cleaner and I have to use it often. I run the iron at 275 degree C as recommended for soldering.

I boched up a Scorpion Noise Source that I built for Tim K50I at Fort Tuthill. I bought a pound of solder from a guy that was 90% lead! Good for

soldering copper pipe. Screwed up the board completely. I brought it home to my Desolder tool and sucked off most of the bad solder. It now looks good with 60/40 solder and a new transistor. And it works!

On Thu, 14 Sep 2000, Marty Purselley wrote:

> Do you have a url for the company? I made the mistake of buying one of the
> 50.00 radio shack soldering irons and it is near impossible to keep the tip
> wetted.

>
> Marty
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Fri, 15 Sep 2000 06:49:25 -0500
From: "Dennis Payton" <dpayton@fwi.com>
To: <qrp-l@Lehigh.EDU>
Subject: [79579] Re: A Few Free SPRAT's
Message-ID: <011501c01f0a\$fff42be0\$efa854d1@locke>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The SPRAT's are gone. Thanks.

Denny N9JXY

Date: Fri, 15 Sep 2000 12:29:15 +0100
From: "M0CQG" <m0cqg@dial.pipex.com>
To: <kh6b@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [79580] Re: Lightbulb antennas!
Message-ID: <005c01c01f0e\$a0041840\$e311bc3e@UKsolssf56>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dean

I'm fascinated by this!

Are you saying that you have a co-ax feed between the T-piece and rig, with a random wire on one leg of the T-piece and the dummy load on the other?

I'd like to try this, but would be interested to hear comments on how inefficient it is - ie. just how much power will be dissipated through the dummy load...

73

Mike
M0CQG

----- Original Message -----

From: "Dean W Manley" <kh6b@juno.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: 15 September 2000 02:22

Subject: Re: Lightbulb antennas!

> Hi Group,

>

> I lightbulb antenna, better than nothing?

>

> How about a 50-Ohm dummy load, with a TEE

> connector. One way goes to your transceiver and

> the other to a random length wire. Mine was 110 ft

> as an inverted V, the center about 20 ft high.

>

> This was suggested by the VK QRP people a few

> years ago. I also saw it described in Kurt N. Sterba's

> column in WorldRadio a few years back.

>

> Perhaps LB needs to comment, but believe it's best

> to use a wire length that is NOT resonant in any

> amateur band. Does the antenna radiate most, half

> or little of the energy?

>

> No tuner needed, multi band (or ALL band) system.

> I haven't tried it on all the bands, but it gave me good

> signals on 80 and 40m. On 40m, no Hawaii net station

> could tell the difference between it and my regular

> 40m coax-fed horizontal half-wave.

>

> Aloha,

> Dean KH6B
> Hilo Hawaii

Date: Fri, 15 Sep 2000 08:27:21 -0400
From: "Lofstead, Jerry" <Jerry.Lofstead@hboc.com>
To: "'tbowman@nbn.net'" <tbowman@nbn.net>, Low Power Amateur Radio Discussion
<qrp-l@Lehigh.EDU>
Subject: [79581] RE: 80M PSK31 frequencies
Message-ID: <95CB658F8515D211B84B00805FA7286603324311@atlexc02ntms.hboc.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Tom,

Last night, Thursday, I was listening on 3580 and heard 4 different PSK
QSO's going on and up about 2 KC was another 2 QSO's. This was about 8 PM
eastern time. I live here in Atlanta, GA area and am using a HF6V without
radials. I have been amazed at the PSK signals. No "bone crusher" signals
but everyone is about 10-15 db above the noise level. I had several QSO's
at the 500mw power level also. Things are getting better on 80 with the
lower QRN levels.

Jerry L.
W3CDE
Atlanta

-----Original Message-----
From: tbowman@nbn.net [mailto:tbowman@nbn.net]
Sent: Thursday, September 14, 2000 2:13 PM
To: Low Power Amateur Radio Discussion
Subject: Re: 80M PSK31 frequencies

> I think the good news is that there seems to be room for all on 80M.
>I've been monitoring around 3580 for the last few nights, and I have not
>seen any CW transmissions

For what it's worth, I tried 80m last night (Weds nite) for the first time
in years, thanks to Dave Benson's earlier message about the arrival of
PSK31 there.

The most notable signal here in SE Pennsylvania was W1AW on 3581.5 kHz CW
throughout the evening. Next to that, the only thing I heard was a bunch
of TV oscillators.

Also, every 80Hz there was some kind of spurious signal - maybe from my computer monitor, maybe from some neighbor's TV.

I tried calling on 3580.5 using PSK31 shortly after 2300 hrs local, but no answers.

I'll try again tonight on 3580.5. about 2100 local.

If there is a more unlikely band for a QSO with all that TV noise, let me know....

73,

Tom, WA3REY

Date: 15 Sep 00 07:30:53 EST
From: M Goins <mgoins@usa.net>
To: qrp-l@Lehigh.EDU
Subject: [79582] FS- OHR SCAF
Message-ID: <20000915123053.284.qmail@aw161.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Oak Hills Research SCAF for sale. This is the one with the bypass switch =
so
you can switch it in and out. Looks new. Works FB, with filter settings f=
or
2440, 574, 459, 383, 230 and 108. \$55 CONUS
Thanks.

mike
wb5yjx

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

Date: Fri, 15 Sep 2000 08:36:23 -0400
From: "Lofstead, Jerry" <Jerry.Lofstead@hboc.com>

To: "'Dan.Tayloe@motorola.com'" <Dan.Tayloe@motorola.com>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [79583] RE: HB: Crystal current?
Message-ID: <95CB658F8515D211B84B00805FA7286603324312@atlexc02ntms.hboc.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Sorry, I blew that one... I answered for HC-8/U crystals... 8-(sorry for the error. "em air tiny ones would really smoke at 100 mw".

Jerry
W3CDE

-----Original Message-----

From: Tayloe Dan-P26412 [mailto:Dan.Tayloe@motorola.com]
Sent: Thursday, September 14, 2000 2:31 PM
To: Low Power Amateur Radio Discussion
Subject: Re: HB: Crystal curren?

>Group,

>What is the maximum safe crystal current on HC-49/U crystals like the
>ones NorCal sells?

Trying to piece some things out of the Digikey catalog with data from several different crystals, it looks like "modern" HC-49/U type crystals seem to get rated at 0.5 mW of drive, and have a series resistance of around 80 ohms in the 6-10 MHz range. This should be good enough for a first approximation.

$P = I^2 \times R$, $I = \sqrt{0.0005/80} = 2.5 \text{ ma RMS or } 3.5 \text{ ma peak or } 7 \text{ ma peak to peak current.}$

- Dan Tayloe, N7VE; Phoenix, Az; Az ScQRPions

Date: Fri, 15 Sep 2000 08:42:39 -0400
From: "Lofstead, Jerry" <Jerry.Lofstead@hboc.com>
To: "'ku7y@dri.edu'" <ku7y@dri.edu>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [79584] RE: Wireless Ephones
Message-ID: <95CB658F8515D211B84B00805FA7286603324313@atlexc02ntms.hboc.com>
MIME-Version: 1.0
Content-Type: text/plain;

charset="windows-1252"

Are these on the sight now??? I could not find them.

JL
W3CDE

-----Original Message-----

From: Monte Stark [mailto:ku7y@dri.edu]
Sent: Thursday, September 14, 2000 2:27 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Wireless Ephones

On Thu, 14 Sep 2000 DYARNES@aol.com wrote:

> In a message dated 9/14/00 8:02:20 AM US Mountain Standard Time,
ku7y@dri.edu
> writes:
>
> << <http://www.heartlandamerica.com>
>
> 900 MHz. \$29.99 which reflects a \$10 mail-in rebate.
>
> These sound like they are better than what I have. Mine
> do not recharge the batttries while these do.
>
> Hope this helps,
> >>
>
>
> I might add a little precautionary advice here--While these headphones
appear
> to be of the kind that you can walk around freely, be advised that some
"900
> mhz" wireless headphones will not work if you do not have line of sight to

> the transmitter. Many of the earlier versions of wireless headphones were
of
> this type, and I know Heartland, and other mail order discounters, sold
them.

Yep,

But the ad does say that these will transmit clear, lifelike
sounds through walls, floor and other solid objects....etc.

So I'd guess these should be OK. Original price was around

\$130 from what they say.

cul,

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....
....Visit my Home Page.....<http://www.qsl.net/ku7y/>....

Date: Fri, 15 Sep 2000 09:08:29 -0500
From: "Gary Lee Phillips" <ka9nzi@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [79585] QRN, 80 m., and aurora
Message-ID: <200009151408.JAA25764@mail.lib.colum.edu>

I was going to ask this anyway, and now I see it sorta kinda relates to the discussion of the new 80 m. PSK design being tested.

Has anyone noticed an unusually high QRN level on 30 meters in the last week or so? I am just starting to use my new G5RV antenna a bit, and wondering whether it is more susceptible to noise than the long wire was, or if conditions have changed. Having worked out a sked with my FISTS "code buddy" (Joe, N8TI, who is hopefully going to help me push my speed up some) we started out at 10.117, but the QRN levels three nights running have been just awful. He had offered 3.540 as a backup frequency, and last night we moved there to find the band mostly unoccupied. QRN was present, but not as bad as what I was experiencing on 30 m. just ten minutes earlier.

Conclusion: 80 m. IS usable, or so it seems, already. And not many folks have figured that out. We had a 30 minute ragchew quite easily, and I was running only 5 watts (I think he was running 50.) I haven't spent much time on 80 m. in recent years, probably due to bad memories of "ringing" ears after working traffic nets there in times past.

So, was there any aurora yesterday? I ran outside to look just before going to bed at 9 pm, but we were under cloud cover to the north and of course there was a full moon... Haven't seen a single aurora this cycle, even though I've moved to the country where the darker sky background should make them easier to spot. Dang...

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Fri, 15 Sep 2000 10:05:41 -0400
From: jmarran@juno.com
To: qrp-l@lehigh.edu
Subject: [79586] Issues of QRP Quarterly....
Message-ID: <20000915.100545.-896173.1.JMarran@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hello all...

Back in April when my article ran in QQ on Powermites, I was told I'd receive a copy, seeing that I wasn't a current member. Any ARCI members know how I might get a copy...I still haven't seen my article.

Thanks...

John Marranca, Jr
KB2HSH
Williamsville NY

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Save money on long distance telephone calls FOREVER....
Visit <http://homestead.juno.com/jmarran/kb2hsh.html> for more details.....

Date: Fri, 15 Sep 2000 10:12:51 -0400
From: "Lofstead, Jerry" <Jerry.Lofstead@hboc.com>
To: "'ka9nzi@arrl.net'" <ka9nzi@arrl.net>, Low Power Amateur Radio Discussion
<qrp-l@Lehigh.EDU>
Subject: [79587] RE: QRN, 80 m., and aurora
Message-ID: <95CB658F8515D211B84B00805FA7286603324316@atlexc02ntms.hboc.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Gary,

There was a BIG CME from the sun on Wednesday. I was to arrive yesterday.
Look at spaceweather.com for details.

Jerry
W3CDE

-----Original Message-----

From: Gary Lee Phillips [mailto:ka9nzi@arrl.net]
Sent: Friday, September 15, 2000 10:08 AM
To: Low Power Amateur Radio Discussion
Subject: QRN, 80 m., and aurora

I was going to ask this anyway, and now I see it sorta kinda relates to the discussion of the new 80 m. PSK design being tested.

Has anyone noticed an unusually high QRN level on 30 meters in the last week or so? I am just starting to use my new G5RV antenna a bit, and wondering whether it is more susceptible to noise than the long wire was, or if conditions have changed. Having worked out a sked with my FISTS "code buddy" (Joe, N8TI, who is hopefully going to help me push my speed up some) we started out at 10.117, but the QRN levels three nights running have been just awful. He had offered 3.540 as a backup frequency, and last night we moved there to find the band mostly unoccupied. QRN was present, but not as bad as what I was experiencing on 30 m. just ten minutes earlier.

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-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Fri, 15 Sep 2000 07:23:10 -0700 (PDT)
From: Steve Yates <aa5tb@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [79588] Re: QRN, 80 m., and aurora
Message-ID: <20000915142310.18970.qmail@web3005.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi Gary,

QRN levels have been normal on 30m for me here in north Texas, which is normally very low.

=====

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://www.geocities.com/aa5tb>
aa5tb@arrl.net

Do You Yahoo!?
Yahoo! Mail - Free email you can access from anywhere!
<http://mail.yahoo.com/>

Date: Fri, 15 Sep 2000 07:29:55 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [79589] RE: Lightbulb antennas!
Message-ID: <Pine.GS0.4.10.10009150724290.20692-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Folks,

FWIW..... Way back when I was first starting in this hobby
I was testing a new modulator on a HB 10m rig.

I always used a light bulb as a dummy load because I couldn't
afford anything else!

Running about 20w of RF into a 100w light blub and doing all
those things you do when testing.... Hello, 1 2 3 4 5, test
and etc, a fellow in FL came back to me and we had a nice chat
for about 30 minutes.

Just one more reason why I believe so much in the fact that

ANY antenna is better then none!

That was AM folks. (For you new commers, AM was that great sounding type of phone that was replaced in favor of making everyone sound like Mickey Mouse!)

: -)

OK, back in my hole.....

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....
....Visit my Home Page.....<http://www.qsl.net/ku7y/>....

Date: Fri, 15 Sep 2000 09:31:04 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
<Jerry.Lofstead@hboc.com>
Cc: "PSK31" <psk31@bipt106.bi.ehu.es>
Subject: [79590] Re: QRN, 80 m., and aurora
Message-ID: <005201c01f21\$96fb3040\$0100a8c0@dandooley>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Seems everything was dead here last night. In North Texas, at least.

I had a PSK31 QSO on 30 m with a station in IL at about 00:28Z. Pretty good copy both ways. I was running about 2 watts. He was also QRP. Later, about 04:00, there was hardly a signal to be found on any of the bands. Normally busy 20 m showed maybe 2 signals here. In the PSK31 area at least. Copy not real good on any of them. One signal (let's see, I think I was back on 30 then) could copy my 2 watts quite well, but though his trace in the waterfall was reasonably strong, I was getting at best, 20% printout. Never did figure if he was a 5 or a 6. No idea of his name or QTH.

I shut it down and went to bed.

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@pipeline.com

SOC #198, FPQRP # -104

May Goddes love blest ye alle

"Ancient Pistol, I do partly understand your meaning."

----- Original Message -----

From: "Lofstead, Jerry" <Jerry.Lofstead@hboc.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Friday, September 15, 2000 9:12 AM

Subject: RE: QRN, 80 m., and aurora

> Gary,

>

> There was a BIG CME from the sun on Wednesday. I was to arrive yesterday.

> Look at spaceweather.com for details.

>

> Jerry

> W3CDE

>

Date: Fri, 15 Sep 2000 07:35:04 -0700

From: Bill Jones <kd7s@psnw.com>

To: qrp-1@lehigh.edu

Subject: [79591] Kudos to the "Acme" Artist

Message-ID: <39C23398.B3E50A9D@psnw.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Friends,

I received my QRPP yesterday, and as usual it was packed from cover to cover with great articles. But what stood out more than anything to me were the hand drawn illustrations by Paul Harden. These great works of art convey more than a thousand words of understanding per picture. Paul's drawings are to QRPP what Norman Rockwell was to The Saturday Evening Post. But the best part is the Acme logo everywhere. I love it. Thanks Paul.

--

Bill Jones - KD7S <>>

Sanger, California

<http://www.psnw.com/~kd7s/>

Date: Fri, 15 Sep 2000 11:04:10 -0400
From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
To: qrp-l@Lehigh.EDU
Subject: [79592] 40- meter skyneedle/WQ1RP net
Message-ID: <v03110701b5e7ea0ebd0f@[132.235.81.133]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi all,

I checked into the WQ1RP net last night using my 40 meter vertical. Conditions were pretty noisy at the home QTH, but got through just fine. I was able to hear everyone.

Some folks here on QRP-L were asking if there were pictures of the 40 meter 1/4 vertical that I have on top of my tower. Here they are:

<http://cscwww.cats.ohiou.edu/~radio/wholeant.jpg>

In this view, you can see the 35' element on top of the mast. Just below it is the 6 meter beam and below that is the HF tribander.

<http://cscwww.cats.ohiou.edu/~radio/med.jpg>

In this view you can see the bracket that supports the 40 meter vertical. It is held on the mast by 2 U bolts. Loosening these bolts up allowed me to slide the 40 meter vertical up and down the mast. It is about as far up as I can get it now.

<http://cscwww.cats.ohiou.edu/~radio/closeup.jpg>

Close view of the mounting bracket for the antenna. The bracket is grounded to the mast but the antenna is insulated from the bracket.

vy 73 de NS80

Date: Fri, 15 Sep 2000 09:23:08 -0700
From: Jerry Haigwood <w5jh@swlink.net>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [79593] Portable Antennas
Message-ID: <39C24CEC.2155A303@swlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

HelloAll,

There has been a lot of conversation the past few days about portable or small antennas. The Arrl reviewed several portable/travel antennas a couple of years ago in the March, 1998 issue of QST. If you don't have that issue, the review can be found on the members only page of their web site (<http://www.arrl.org>). Maybe we can get Ed, W1RFI, to place the review in a area a non-member can access. The review looks at verticals, loops (including the much debated Isotron), and 1 portable beam. It gives real world experiences with each antenna.

--
73, Jerry Haigwood, W5JH, Peoria, AZ USA
web page <http://www.swlink.net/~w5jh/>

Date: Fri, 15 Sep 2000 13:00:30 EDT
From: BruceAA5B@aol.com
To: <qrp-l@lehigh.edu>
Subject: [79594] K6F, QRP Afield
Message-ID: <3f.a49137e.26f3afae@aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

If things go according to plan, I'll be operating station K6F in Gallup, NM during QRP Afield this weekend. The special callsign is part of a larger

effort to activate a dozen stations (K6A - K6L) along the old Route 66. Most of the operation so far has been on phone, but I hope to see many of you in the contest around the CW QRP frequencies.

-Bruce AA5B

Date: Fri, 15 Sep 2000 12:14:53 -0700
From: Michael Melland <badger@vbe.com>
To: BruceAA5B@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [79595] Re: K6F, QRP Afield
Message-ID: <39C2752D.E01543E@vbe.com>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

BruceAA5B@aol.com wrote:

> If things go according to plan, I'll be operating
> station K6F in Gallup, NM during QRP Afield this
> weekend. The special callsign is part of a larger
> effort to activate a dozen stations (K6A - K6L) along
> the old Route 66. Most of the operation so far has been
> on phone...

Bruce,

I was tuning around 40 meters last night and was surprised to find K6A on cw at abt 7.133 calling the special event station cq. Worked him easily until bc qrm covered us up right at our sign-off. Nice to see the special event station spend a little time on that part of the band ... really nice to let the beginners work an event station too.

73 de Mike Melland, W9WIS

Date: Fri, 15 Sep 2000 10:51:26 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [79596] Re: Pacificon - When and Where
Message-ID: <003901c01f3d\$92aab120\$9ad0fc9e@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gary
The Pacificon web site is www.pacificon.org
All the info should be there.
73, Bob N6WG

Date: Fri, 15 Sep 2000 11:00:56 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [79597] QRP Afield, KI6DS
Message-ID: <01c01f3e\$e5ac94a0\$330b0d0a@dhendricks>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gosh, remember last April when we had QRP to the Field? I went to the beach and operated with Mike Gipe, Dave Fifield and Paul Maciel, plus we had visits from Russ Dow and Eric Swartz? Jessica Gipe was there too! But the highlight was the great bikini hunt. It was tough duty checking out all of the babes and finding just the right one for the photo op, but someone has to do the thankless jobs.

At the last NorCal meeting, Dave, Paul, Mike and I agreed to find a nice park setting near San Jose and do the QRP contest thing again. It would not be nearly as exciting as operation from the beach, but I trusted that Paul and Mike would come up with a setting that had some nice "scenery on two legs".

I got home from the meeting and told JoAnne about our plans.

"What weekend?" she who must be obeyed asked?
"The 16th" he who must obey replied.
"Cancel your plans. That is the weekend that we are celebrating the girl's birthdays, so you must be here." swmbo replied.

So, sorry guys, I won't be with the crew, but will instead have to operate from my driveway using my rig and a mobile antenna. Won't be the best, but I will be on the air. Looks like I'll have to sneak an hour in here and there. My grandson will be here, and I'll have to take him for a "ride" in Papa's truck. Of course, we will have the trusty mobile rig along, heh, heh. (More than one way to skin a cat and get on the air.)

I love these "to the field contests". It is a great time to have fun. I encourage all of you to operate this weekend in the "test". Even if it is from home, you will have a lot of fun. Listen for KI6DS, and say hello. If I get lucky, I may even have time to set up my NorCal Doublet in the park. You know how grandkids like to play in the park don't you?

Also, a special thanks to Jim Fitton, W1FMR, who came up with the original idea of this type of operating event in 1993. Great job Jim. You are a true pioneer of QRP. It was originally sponsored by the New England Qrp Club, and is continued now by Dave Benson, NN1G. You guys notice how this guy's name keeps cropping up with contributions to QRP? Dave is another super guy and super friend. Sure hope that I get to work Jim and Dave in the contest. Also Paul, NA5N will be on from a "treed" location near Riley????? Paul, I didn't think that there was a tree within 100 miles of Riley. Jay, WA5WHN is going back to Riley to operate??? Geeze, hope he doesn't blow away. Did I mention the wind at Riley? If not, Jay will.

Also, Dave Yarnes W7AQK tells me that he will be in Albuquerque and will try to hook up with Dr. Megacycle, Jim Duffey. If not, he has his K2 and the famous Vern Wright's PW1 antenna, so he can operate from the hotel if he has to.

JayBob Bromley is supposed to be on from Ft. Smith, as is Kelsey Mikel, the famous Hanging Judge and most famous QRPer from Ft. Smith. Keith Newman, says that he will have his Prize Winning Red Hot Radio NC20 on the air. I have had the pleasure of operating Keith's rig, and it works as good as it looks, which is top notch. Listen for K5YCM.

Bob Tellefsen, Dwight Graham and Dave Joseph, (aka known as the designer of the Pixie) usually operate together. They always have a big signal here. Chuck Adams k7qo, will be on, as will be the usual crop of Arizona ScQRPions. Wonder if Dan Tayloe will have the prototype of the NorCal MIniStinger on?? I know Brian Kassel will be running the qsos.

Sorry for the rambling, but just thinging outloud here. Get on the air tomorrow and operate, even if your wife did plan a birthday party. You can sneak away for a few qso's at least. Don't forget to send Dave Benson your log info.

CQ Test CQ Test de KI6DS KI6DS K

72, Doug, KI6DS

Date: Fri, 15 Sep 2000 10:50:20 -0700
From: "Phinizy, William" <wphinizy@filenet.com>

To: "QRP-1 Forum (E-mail)" <qrp-1@Lehigh.EDU>
Cc: "'leinwebe@mcmail.cis.McMaster.CA'" <leinwebe@mcmail.cis.McMaster.CA>
Subject: [79598] AN/URM-25D Output indicated in RMS or P-P?
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F04B76672@hq-expo2.filenet.com>

Thanks for the help -- especially Glen LeinWeber. I went back and buried myself in the signal generator's manual and discovered that a great deal has to do with the terminating impedance, etc. The meter on it indicates in RMS which is, I suppose, pretty obvious(?). I could figure out why the unattenuated output of 2 volts RMS showed up as 5.6 volts on the scope (2.82 x 2 volts) but couldn't make sense out of the attenuated readings until I switched the input to 50 ohms instead of just DC..

Oh well, live and learn.

..now about this Fluke RF probe..

Bill, K6WHP

-----Original Message-----

From: Glen Leinweber [mailto:leinwebe@mcmail.cis.McMaster.CA]
Subject: Re: Vrms = 0.707 x Vpeak = 0.5(0.707 x Vpp) = 0.3535 x Vpp?

Bill,

If it is an RF generator, then I'd guess the units would assumed to be RMS volts. And if its got a decent attenuator, then I'd guess RMS even more strongly. A function generator with sine,square,triangle waves and no decent attenuator might be calibrated in peak-to-peak volts. But these generally go up only to a few Megahertz. And they're usually extremely unstable.

Date: Fri, 15 Sep 2000 11:16:34 -0700
From: Dan <tacquire@earthlink.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [79599] Re: Solder Station
Message-ID: <39C26782.FDE11CA8@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Radioshack has a nice little dual temp station for 19.99 with spongy etc all in one little unit. It's selectable from 40 or 20 watts.

Dan

"Karl F. Larsen" wrote:

```
> Hi Marty, I should have included the URL because it's obscure. I will cc:
> this to the list. Sorry guys!
>
>      http://www.web-tronics.com/autsolirstat.html
>
> Now keeping the tip clean and wet is not easy with any soldering iron.
> This station has a wet sponge tip cleaner and I have to use it often. I
> run the iron at 275 degree C as recommended for soldering.
>
> I boched up a Scorpion Noise Source that I built for Tim K50I at Fort
> Tuthill. I bought a pound of solder from a guy that was 90% lead! Good for
> soldering copper pipe. Screwed up the board completely. I brought it home
> to my Desolder tool and sucked off most of the bad solder. It now looks
> good with 60/40 solder and a new transistor. And it works!
>
> On Thu, 14 Sep 2000, Marty Purselley wrote:
>
> > Do you have a url for the company? I made the mistake of buying one of the
> > 50.00 radio shack soldering irons and it is near impossible to keep the tip
> > wetted.
> >
> > Marty
> >
>
> Yours Truly,
>
>      - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
```

Date: Fri, 15 Sep 2000 11:42:00 -0700
From: dave_epps@juno.com
To: qrp-l@lehigh.edu
Subject: [79600] CW Maestro - Poqet
Message-ID: <20000915.114206.-335271.1.Dave_epps@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

cw maestro is available (shareware with demo) on qrz.
This one of the best cw keyboard programs I have found and it works great
on the Poqet Classic.

Even if you don't use the kybd function it makes a great very portable
keyer memory bank and logger.

With poqet's standby feature it is instant-on.

dave ab5pc morro bay/fresno, ca.

YOU'RE PAYING TOO MUCH FOR THE INTERNET!

Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Fri, 15 Sep 2000 11:32:24 -0700

From: dave_epps@juno.com

To: qrp-1@lehigh.edu

Subject: [79601] PSK-20 - WinWarbler 1.7

Message-ID: <20000915.114206.-335271.0.Dave_epps@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

WinWarbler ver. 1.7 seems to work good with my PSK-20. (Small Wonder Labs
QRP PSK-31 kit transceiver).

Made a few contacts and received good reports.

It is awesome to print 3 different stations at one time. That should
offer some real challenges to contestors.

Looking forward to seeing the new psk-31 goodies at pacificon.

dave ab5pc morro bay/fresno, ca.

YOU'RE PAYING TOO MUCH FOR THE INTERNET!

Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Fri, 15 Sep 2000 14:39:55 EDT

From: Nv4t@aol.com

To: ku7y@dri.edu, qrp-1@lehigh.edu

Subject: [79602] Re: Lightbulb antennas!

Message-ID: <95.99dbb6.26f3c6fb@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Hey, hey!!! Most of us who go back to the fifties or earliet have had the
same experience- we just didn't "know no better" Still, that reminds me
about the "all-band" antenna made in Ft Lauderdale about 20 years ago, the

one with the potted and canned secret center "network", whic after being x-rayed revealed it's deep dark secret. It containe a very large resister and connectors to the feedline and antenna connections. That makes it just like the dummy load antenna (or for that matter a "low-band" Isotron).

If it stayed up all winter (or through the hurricane season for Floiridians), it just plain wasn't long enough or high enough!!!!

73 y'all NV4T

Date: Fri, 15 Sep 2000 15:26:52 -0400 (EDT)
From: "John L. Sielke" <w2agn@pobox.com>
To: qrp-l@lehigh.edu
Subject: [79603] QRP AFIELD, W2AGN
Message-ID: <XFMail.000915152652.w2agn@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

Will be operating from my favorite place..on the boat. Will be in the dock, though. I am planning to lash my new DK9SQ Mast and Loop antenna to a piling. Hope to get in 6 hours Saturday, and a couple hours /p on Sunday morning before taking it all down. (I have to put up, take down the anteena at high tide, or I can't reach it!).

Will be looking for you all.

/ \ / \ / \ / \ John L. Sielke w2agn@pobox.com w2agn@qsl.net
(W | 2 | A | G | N) NJ Grid:FM29LN <http://www.qsl.net/w2agn>
_ / _ / _ / _ / NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86
X-N4JS, W4MPC, W7JEF, K3HLU G-QRP #9544 NorCal CQC AKQRP QCWA FISTS #2781
fpQRP #121 SOC #390 Elecraft K2 #00023

Date: Fri, 15 Sep 2000 15:48:01 US/Eastern
From: n2cx@voicenet.com
To: qrp-l@lehigh.edu

Cc: njqrp@njqrp.org
Subject: [79604] Lighted pens, recap and a proposal (long)
Message-ID: <200009151948.PAA321866@nss4.cc.lehigh.edu>

Gang,

Wow, what a great response to my request last week regarding lighted-tip pens for qrp portable operation! I got a number of useful suggestions and Nick, K3NY even sent me one - thanks Nick, it works great!

My wife finally located a lighted tip pen at a local Walgreen's. It works ok but it has an incandescent bulb of I fear it's a battery killer.

I found some web sources (expensive) and a others were suggested by

Mark Sailer:

<http://www.we-best.com/webest/ledpen.htm>

and by Jeff Jones:

<http://www.global-merchants.com/home/bandipen.htm>

A bunch of folks also touted it as the next NJQRP project, so ..

As Doug Hendricks would say, here's the deal:

We couldn't hope to compete with offshore manufacturing sources so NJQRP is ready to import 100 or so of them if you all are willing to buy them. Admittedly we don't yet know how good they are, but that's always the way it is these days.

Our tentative price will be \$5 each shipped to your door (US only, I'm afraid) Or if you want more than one, \$5.00 for the first one and \$3.00 additional if You want several.

And if you order any NJQRP kit we will ship along one of the pens for \$3.00 each.

So please let us know if you all are interested so that we can proceed!

72/73,

Joe E., N2CX

This message was sent using Voicenet WebMail.
<http://www.voicenet.com/webmail/>

Date: Fri, 15 Sep 2000 15:49:03 -0400
From: "John Humphrey" <jhumphre@ultra-tech.com>
To: qrp-l@lehigh.edu
Subject: [79605] QRP AFIELD W4VQS
Message-ID: <s9c24502.077@ultra-tech.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

Doug, W4IDW, and myself will again activate W4VQS from the Historic Oak =
Tree in Stafford Counties Willowmere Park, site of the now famous First =
Ever W4VQS Field Day! We will be on at least 40 and 20 CW and maybe 10 CW =
and Phone. Probably only a Saturday operation but we will be in the field =
and we will have fun, the 2 main criteria for this event! Don't expect =
any wind, wayward cows, or babes in bikini's. Hope to work you all 'from =
the field'.

72,73,
John W4IM QRP-L #1691
Stafford, Va.

Date: Fri, 15 Sep 2000 16:16:28 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: n2cx@voicenet.com
Cc: QRP List <qrp-l@lehigh.edu>
Subject: [79606] Short but sweet... Re: Lighted pens...
Message-ID: <Pine.0SF.4.21.0009151613500.6905-100000@saturn3.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

That's nice of the club to do that. While this whole debate was raging,
my wife brought home two LED pens she bought for \$2.50 from the local
"Kroger" food store.

I had never even told her about the discussions on QRP-L! I have
night-blindness and she just thought I'd like one.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics.
Visit the Virtual Ten*Tec Museum at:
<<http://www.acs.oakland.edu/~prvalko>>

Date: Fri, 15 Sep 2000 16:27:53 -0400
From: Bill Coleman AA4LR <aa4lr@radio.org>
To: <w5yr@att.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [79607] Re: Musing from a "failed" QRP DX Chaser
Message-ID: <1000815162752.QAA28774@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 9/9/00 2:07 PM, George, W5YR at w5yr@att.net wrote:

>To me, the big difference between "contesting" and "DXing" has to do
>with operating style. Contesting has always seemed to me - now, guys,
>put the blow torches away; this is an opinion - to be a "main strength
>and awkwardness" mode of operating.
>
>Get a big signal - high power, big antenna(s), lots of speech processing
>if SSB, good hard keying with lots of clicks if CW (draws attention!) -
>ignore the rights of everyone else on the band, yell or send your call
>incessantly until something happens. Keep it up on the next "target."
>Later, get on 75 and brag to the "boys."

As a tester, I'm insulted by this characterization.

Not all testers use high power. Some use low power or QRP. Many of the top QRP guys put in scores in excess of 80% of those submitting with high power.

The vast majority of testers would be seriously concerned if they were transmitting signals with excessive processing or improper keying.

The vast majority of testers are courteous, conscientious operators.

Contesting produces a tight focus on technique and operating skills. Sure, most testers have good antennas, some of them big -- because antennas are a key tool to an effective station. But equipment does not come before skill.

These skills are how to be an effective communicator -- how to get the exchange information, get it right the first time. Efficiency is key -- contestors don't want waste a lot of time.

There's a similarity to DXing, especially where pileups are concerned. A good contest operator has the skills to get through a pileup. And it isn't brute force either -- timing is essential in a pileup.

If anyone has been listening to the pileups from the Route 66 special event stations this week, you can tell the folks at the special event stations could really use some skilled, efficient operators. Tapping some local contest ops might be a good idea.

And finally, the root of it all, the skills developed during contesting are applicable when providing emergency communications -- effectiveness and efficiency.

I am proud to count myself among the ranks of contestors. I strive to improve my skills constantly, that I might deserve to be remembered as one of them.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@radio.org
Quote: "Boot, you transistorized tormentor! Boot!"
 -- Archibald Asparagus, VeggieTales

Date: Fri, 15 Sep 2000 13:43:42 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <n2cx@voicenet.com>
Cc: <qrp-1@lehigh.edu>, <njqrp@njqrp.org>
Subject: [79608] "Here's the deal, deal"
Message-ID: <01c01f55\$a2e87b40\$330b0d0a@dhendricks>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Joe, put me down for 2. Sounds like a great deal to me. I am always on the lookout for a "here's the deal" deal. Grin. 72, Doug

Date: Fri, 15 Sep 2000 16:42:40 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <aa4lr@radio.org>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [79609] Re: Musing from a "failed" QRP DX Chaser
Message-ID: <00fb01c01f55\$82eb16e0\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> As a tester, I'm insulted by this characterization.

Bill,

Maybe that's one of the things that makes you a QRPer. And proud of it. The fact that you got fed up with the way a lot of people in the power race behave. The way it's more CBish than most CBers really are. And the testers 'generally' seem to fit that 'perception' from the people NOT into contest. Do they fit that perception by the people who are neutral about the contest? I don't know, might make a good survey topic.

I know I'm not fond of the contests. I had one station come on 52 while I was traveling and working a base calling CQ Contest. We both went back to him, but when that was done, he just kept blaring away on 52. Well, when we tried to talk again, this 'tester' started 20 and more repeats of 'CQ Contest' to jam the channel. Only we were about 5 miles apart, and they were many miles away.

I can remember was 10M was jammed with "CQ Contest" a few years ago. And I started hearing people calling 'CQ No Contest'!

Yeah, testers don't have a good rep...

But that doesn't mean everyone fits that description.

Mike

Date: Fri, 15 Sep 2000 16:54:57 -0400
From: Bill Coleman AA4LR <aa4lr@radio.org>
To: "Mike Yetsko" <myetsko@insydesw.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [79610] Re: Musing from a "failed" QRP DX Chaser
Message-ID: <1000815165456.QAA00103@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 9/15/00 4:42 PM, Mike Yetsko at myetsko@insydesw.com wrote:

>The way it's more CBish
>than most CBers really are. And the testers 'generally'
>seem to fit that 'perception' from the people NOT into contest.
>Do they fit that perception by the people who are neutral about
>the contest? I don't know, might make a good survey topic.

I'm somewhat disturbed by what I percieve to be the growing "intolerance" in amatuer radio. Why does anyone involved in an amatuer radio activity assume that all others must be involved in that same activity, or they are lessor citizens?

Some people like to rawchew, others like short contacts. Some like DX, some like contests, some like trying new modes, some like building stations, some like tinkering with old gear. Some like a little bit of everything. There's no reason that all the interest groups on amatuer radio can't get along.

>I know I'm not fond of the contests. I had one station come on 52
>while I was traveling and working a base calling CQ Contest.

I take it you mean 146.52.

>We both went back to him, but when that was done, he just kept
>blaring away on 52. Well, when we tried to talk again, this
>'contester' started 20 and more repeats of 'CQ Contest' to jam
>the channel. Only we were about 5 miles apart, and they were
>many miles away.

I'm not aware of any VHF contest that permits contacts on any of the standard simplex calling frequencies. And typically, FM is virtuall ignored in VHF contests.

The guy who gave you problems sounds more like a LID, and isn't what I would term a tester.

>I can remember was 10M was jammed with "CQ Contest" a few
>years ago. And I started hearing people calling 'CQ No Contest'!

10m should be jammed again at the end of October, sunspots willing. But really, contesting affects entire bands like this only 2-6 weekends a year. The other 50-odd weekends are open.

Also, if you don't like contests, you can avoid them: use the WARC bands of 30, 17 and 12 meters. Or look at the contest schedules and operate the OPPOSITE mode of the big contests: try CW during CQWW Phone.

>Yeah, testers don't have a good rep...
>But that doesn't mean everyone fits that description.

I think every group of amateurs have their own set of LIDs. I've heard poor operating technique from all kinds of folks, including some testers.

Best way to get rid of poor operating is to try not to emulate them. And elmer folks in the ways of good operating.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@radio.org
Quote: "Boot, you transistorized tormentor! Boot!"
 -- Archibald Asparagus, VeggieTales

Date: Fri, 15 Sep 2000 15:59:42 -0700
From: Michael Melland <badger@vbe.com>
To: njqrp@njqrp.org, qrp-1@lehigh.edu
Subject: [79611] Re: [NJQRP] Lighted pens, recap and a proposal (long)
Message-ID: <39C2A9DE.13FB53B1@vbe.com>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

n2cx@voicenet.com wrote:

> Gang,
>
> Wow, what a great response to my request last week regarding
> lighted-tip pens for qrp portable operation!

Good price if they are a good pen. Many of us law enforcement types use a pen called the "Nitewriter" by the company of the same name. Has a green led in the tip and works FB for writing reports/notes in the vehicle where prudence (and safety) dictate it's not a good idea to sit with the interior light on. I had one of these several years ago that used a red led and didn't affect your night vision.

The law enforcement supply place... Gall's.... has them but they get \$12.99 for them

(for \$6 they will even personalize them <grin>)

Mike, W9WIS

Date: Fri, 15 Sep 2000 14:11:27 -0700
From: "Bowman, Brian" <bowman@amgen.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [79612] RE: [NJQRP] Lighted pens, recap and a proposal (long)
Message-ID: <2868C7D82610D311A3930008C7CF288B05545104@red-exch.amgen.com>
MIME-Version: 1.0
Content-Type: text/plain

http://www.flyaas.com/acatalog/Online_Catalogue_WRITING_SUPPLIES_117.html
<http://www.flyaas.com/acatalog/Online_Catalogue_WRITING_SUPPLIES_117.html>

has the pen for \$9.95

The other sites selling it (when I did a Google search) were either more expensive, or in the UK.

Brian R. Bowman
GLP Compliance, Amgen Inc., M/S 5-1-A
One Amgen Center Drive
Thousand Oaks, CA 91320

bowman@amgen.com <<mailto:bowman@amgen.com>>

n2cx@voicenet.com wrote:

> Gang,
>
> Wow, what a great response to my request last week regarding
> lighted-tip pens for qrp portable operation!

Good price if they are a good pen. Many of us law enforcement types use a pen

called the "Nitewriter" by the company of the same name. Has a green led in the tip

and works FB for writing reports/notes in the vehicle where prudence (and safety)

dictate it's not a good idea to sit with the interior light on. I had one of these

several years ago that used a red led and didn't affect your night vision.

The law enforcement supply place... Gall's.... has them but they get \$12.99 for them

(for \$6 they will even personalize them <grin>)

Mike, W9WIS

Date: Fri, 15 Sep 2000 14:09:37 -0700
From: Dan <tacquire@earthlink.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [79613] Re: Musing from a "failed" QRP DX Chaser
Message-ID: <39C29011.6BDD305C@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Contesting is the most irritating, bandwidth wasting, interference causing piece of nonsense in the history of amateur radio. And you can quote me on that :)

Bill Coleman AA4LR wrote:

> On 9/15/00 4:42 PM, Mike Yetsko at myetsko@insydesw.com wrote:
>
> >The way it's more CBish
> >than most CBers really are. And the testers 'generally'
> >seem to fit that 'perception' from the people NOT into contest.
> >Do they fit that perception by the people who are neutral about
> >the contest? I don't know, might make a good survey topic.
>
> I'm somewhat disturbed by what I percieve to be the growing "intolerance"
> in amatuer radio. Why does anyone involved in an amatuer radio activity
> assume that all others must be involved in that same activity, or they
> are lessor citizens?
>
> Some people like to rawchew, others like short contacts. Some like DX,
> some like contests, some like trying new modes, some like building
> stations, some like tinkering with old gear. Some like a little bit of

> everything. There's no reason that all the interest groups on amateur
> radio can't get along.
>
> >I know I'm not fond of the contests. I had one station come on 52
> >while I was traveling and working a base calling CQ Contest.
>
> I take it you mean 146.52.
>
> >We both went back to him, but when that was done, he just kept
> >blaring away on 52. Well, when we tried to talk again, this
> >'contester' started 20 and more repeats of 'CQ Contest' to jam
> >the channel. Only we were about 5 miles apart, and they were
> >many miles away.
>
> I'm not aware of any VHF contest that permits contacts on any of the
> standard simplex calling frequencies. And typically, FM is virtually
> ignored in VHF contests.
>
> The guy who gave you problems sounds more like a LID, and isn't what I
> would term a contester.
>
> >I can remember was 10M was jammed with "CQ Contest" a few
> >years ago. And I started hearing people calling 'CQ No Contest'!
>
> 10m should be jammed again at the end of October, sunspots willing. But
> really, contesting affects entire bands like this only 2-6 weekends a
> year. The other 50-odd weekends are open.
>
> Also, if you don't like contests, you can avoid them: use the WARC bands
> of 30, 17 and 12 meters. Or look at the contest schedules and operate the
> OPPOSITE mode of the big contests: try CW during CQWW Phone.
>
> >Yeah, testers don't have a good rep...
> >But that doesn't mean everyone fits that description.
>
> I think every group of amateurs have their own set of LIDs. I've heard
> poor operating technique from all kinds of folks, including some
> testers.
>
> Best way to get rid of poor operating is to try not to emulate them. And
> elmer folks in the ways of good operating.
>
> Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@radio.org
> Quote: "Boot, you transistorized tormentor! Boot!"
> -- Archibald Asparagus, VeggieTales

Date: Fri, 15 Sep 2000 20:22:59 +0100
From: Larry S Cahoon <wd3p@juno.com>
To: Vic.Winton@trafford-press.com, qrp-1@Lehigh.EDU
Subject: [79614] Re: dsw-20 does it agn
Message-ID: <20000915.211435.-424467.0.wd3p@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

You caught me, I got a good laugh out of that error. It should have been 4-5 ft.

Tnx and 73 de Larry.....WD3P in MD

On Fri, 15 Sep 2000 10:38:14 +0100 Vic Winton
<Vic.Winton@trafford-press.com> writes:

> Hi,
>
> I guess that's why you have to guy it !!!!!!!
>
> Regards,
>
> Vic GW4JUN
>
> snip....." This one has the advantage
> of getting the coils up higher - they are up about 45 feet from the
> base
>

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Fri, 15 Sep 2000 14:17:24 -0700
From: Dan <tacquire@earthlink.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [79615] Re: Musing from a "failed" QRP DX Chaser
Message-ID: <39C291E4.B5E5077@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yes it reminds me so much of my sideband cb days of hearing the upper 30's jammed during the day with,, SEEK00 SEEK00 DEE ACKS FROM the Buckeye state(insert some other clever name for your state here)! Over and over again with about a bazillion other people all doing the same thing often with overpowered rigs and no care in the world about stomping on one another. I remember when 10 was so jammed from contesting,, thats about the time I gave up on ham radio. Then after a couple years I briefly came back,, built some tube gear and ran AM but got disgusted with that because most of the people on there are "Real Old Farts"(TM), who will nitpick you to death if your audio is not BROADCAST QUALITY(TM) So,, left again for two years or so. Now I've found the qrp group, which so far seems like a nice bunch of people and exceedingly helpful :)))) , who out of the natural aspect of their low powering ways don't inadvertently interfere with everyone else on the band. I cringe when I am trying to copy the 14.060 qrp calling freq and some qro idiot blasts in over the poor qrp guy. And if he's sending CONTEST CONTEST, well at that point I gotta take a walk,, a long one and a get a stiff pepsi..

Dan

Mike Yetsko wrote:

> > As a tester, I'm insulted by this characterization.
>
> Bill,
>
> Maybe that's one of the things that makes you a QRPer. And
> proud of it. The fact that you got fed up with the way a lot of
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> the channel. Only we were about 5 miles apart, and they were
> many miles away.
>
> I can remember was 10M was jammed with "CQ Contest" a few
> years ago. And I started hearing people calling 'CQ No Contest'!
>
> Yeah, testers don't have a good rep...
>

> But that doesn't mean everyone fits that description.
>
> Mike

Date: Fri, 15 Sep 2000 14:24:55 -0700
From: Dan <tacquire@earthlink.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <grp-1@Lehigh.EDU>
Subject: [79616] Re: Musing from a "failed" QRP DX Chaser
Message-ID: <39C293A7.D2A707C2@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It's so darn impersonal as well, when I first got licensed say back in 91(was in mid teens or so, now in my 20's), I started hearing the contest "stuff", went back to a distant station maybe to get a qsl card. QSO lasted about 10 seconds or less, something like Me: Hi Im in california, im a new licensee whats your name and hows things on your side of the country(or world)? Him: WHAT IS MY RST REPEAT WHAT IS MY RST, YOUR CALL AGAIN PLEASE YOUR CALL AGAIN PLEASE? Me: KD6NXI(kd6hdc at that time), and you're signal is a good s9 30+! I then wait to see if he will proceed to chat, instead it's QR - ZED!!!!! QR - ZED!!!!

I was a bit confused needless to say..and sat a bit dumbfounded by the experience and blatant rudeness.

Dan

Bill Coleman AA4LR wrote:

> On 9/9/00 2:07 PM, George, W5YR at w5yr@att.net wrote:
>
> >To me, the big difference between "contesting" and "DXing" has to do
> >with operating style. Contesting has always seemed to me - now, guys,
> >put the blow torches away; this is an opinion - to be a "main strength
> >and awkwardness" mode of operating.
> >
> >Get a big signal - high power, big antenna(s), lots of speech processing
> >if SSB, good hard keying with lots of clicks if CW (draws attention!) -
> >ignore the rights of everyone else on the band, yell or send your call
> >incessantly until something happens. Keep it up on the next "target."
> >Later, get on 75 and brag to the "boys."
>
> As a tester, I'm insulted by this characterization.

>
> Not all contestors use high power. Some use low power or QRP. Many of the
> top QRP guys put in scores in excess of 80% of those submitting with high
> power.
>
> The vast majority of testers would be seriously concerned if they were
> transmitting signals with excessive processing or improper keying.
>
> The vast majority of testers are courteous, conscientious operators.
>
> Contesting produces a tight focus on technique and operating skills.
> Sure, most testers have good antennas, some of them big -- because
> antennas are a key tool to an effective station. But equipment does not
> come before skill.
>
> These skills are how to be an effective communicator -- how to get the
> exchange information, get it right the first time. Efficiency is key --
> contestors don't want waste a lot of time.
>
> There's a similarity to DXing, especially where pileups are concerned. A
> good contest operator has the skills to get through a pileup. And it
> isn't brute force either -- timing is essential in a pileup.
>
> If anyone has been listening to the pileups from the Route 66 special
> event stations this week, you can tell the folks at the special event
> stations could really use some skilled, efficient operators. Tapping some
> local contest ops might be a good idea.
>
> And finally, the root of it all, the skills developed during contesting
> are applicable when providing emergency communications -- effectiveness
> and efficiency.
>
> I am proud to count myself among the ranks of contestors. I strive to
> improve my skills constantly, that I might deserve to be remembered as
> one of them.
>
> Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@radio.org
> Quote: "Boot, you transistorized tormentor! Boot!"
> -- Archibald Asparagus, VeggieTales

Date: Fri, 15 Sep 2000 14:48:41 -0700
From: Allan G Taylor <k7gt@qsl.net>
To: qrp-l@Lehigh.EDU
Subject: [79617] Re: Lighted pens, recap and a proposal (long)
Message-ID: <39C29939.6040@qsl.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have used , for the past year, a little book light (don't know the exact name of it) that uses 4 AA cells for a portable station light source. It has a clamp so that it can be mounted on some nearby object and an arm with a reach of about 8" to allow positioning of the lighgbulb itself for best illumination. While it is surely burning up mAmps, I try to minimize the time on, saving it mostly for logging and writing notes. It puts out a wonderfully uniform light that is great for writing in the log in the field after dark as well as the obvious use as a reading light! The weight without batteries is very low--perhaps no more than a few ounces. And since I take spare batteries anyway (and this light can make useful any 'spent' AA cells I generate) this gem, while an apparent luxury, proves to be a desirable thing on my QRP/backpack ventures. Bob had a little red LED 'flashlight' he tried to use, but it could barely light up a 1" square area and was difficult to see even within that area as it was far from uniformly illuminated. The little book reading light is also vastly superior to the 2 AA cell backpacking flashlight that I also take. The little booklight complete with 4 AA cells is much lighter than either the SST backup rig or the 10AA cell backup power pack. The next trip will have a lighter pack but by eliminating the 2m HT and other less useful items that the book light.

Just an alternate point of view...I also carry a sleeping pad that weighs in at just over 2 pounds in opposition to the 15 oz corrugated closed-cell that Bob took. I would be so sore with his pad that I wouldn't be able to hike out the next day... The message here is to fit the solution to the real problem.

I won't be participating in QRP Afield this year but will be doing some antenna maintenance and system improvements at home instead. K7GRT prefers that I stay home for a while after the week-long trip in late August...!

73 K7GT Allan

--

Allan Taylor K7GT Pleasanton/Livermore CA

k7gt@qsl.net or k7gt@aol.com

Date: Fri, 15 Sep 2000 17:21:50 -0500 (CDT)
From: ac5ez@webtv.net (Larry)
To: qrp-l@lehigh.edu
Subject: [79618] Re: Musing from a "failed" QRP DX Chaser
Message-ID: <25753-39C2A0FE-557@storefull-113.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

A contest is a good time to pick up some new states or a new country or to test out gear or the antenna.

Contests and dx are alike in that you may have to slug it out with the big guys to get that wanted contact but thats part of the fun .Ifs its to rough for you , pull the plug and go watch the boob tube.

K1zw
Larry
Qcwa

Date: Fri, 15 Sep 2000 15:38:19 -0800
From: Anthony Felino <anthony@pacinfosb.com>
To: qrp-l@lehigh.edu
Subject: [79619] Repair of Old CC Headset cords
Message-ID: <Chameleon.969058201.anthony@anthony-400>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=ISO-8859-1

The multistrand cord (often called "tinsel cord") used on these old headsets and Litz wire are similar only in that they are multistrand. In all other respects they are different animals.

The tinsel cord is designed with mechanical considerations in mind, specifically it is as floppy as a shoestring. The conductors are pieces of phosphor bronze, or some other alloy that can take a lot of flexing without breaking. They are not necessarily insulated from each other, except for the incidental insulation provided by the cloth threads that make up the bulk. The covering is often silk rather than cotton.

The design of Litz wire is based on its electrical properties at high frequencies. Each strand is insulated from the others and the cross section is mostly conductor rather than insulator. Real Litz wire is much less flexible than tinsel cord and can endure less mechanical flexing

than tinsel cord.

I have found pieces of tinsel cord from WW2 that are in new condition, but they usually don't quite fit any phones that I have around. If anyone knows where to get this stuff, I'd like to know. Same goes for the neoprene-like cable that goes to the better walkman-type headphones. This is mostly rubber with very fine magnet wire inside.

73, WN6Q

Anthony Felino, Pacific Information Design
email: anthony@pacinfosb.com
telephone: (805) 730 1565, x25

Date: Fri, 15 Sep 2000 22:59:52 +0100
From: "Larry Wise" <lewise@txwises.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [79620] BI-COLOR 2 lead LEDs...
Message-ID: <200009152256.RAA53810@aoot.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

How do these leds work? Not looking for a Physics lesson, just an idea of what triggers each color.

Doesn't seem obvious from the parts catalogue, and the ARRL HB is not much help....

Larry KA5T
Georgetown, Texas

End of QRP-L Digest 1945

